U.S. Coast Goord Oceanographic Report

DEPARTMENT OF TRANSPORTATION



COAST GUARD

OCEANOGRAPHIC OBSERVATIONS NORTH ATLANTIC STANDARD MONITORING SECTIONS A5, A6, and A7 1967-69



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OCEANOGRAPHIC REPORT No. CG 373-67

NORTH ATLANTIC STANDARD MONITORING SECTIONS A5, A6, and A7 1967-69

R.Q. Robe



United States Coast Guard
Oceanographic Unit
Washington, D.C.

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ABSTRACT

Data from Standard Monitoring Sections A5, A6, and A7 for the years 1967-69 are presented together with vertical sections of salinity, temperature, and sigma-t. The three major water masses on these Standard Monitoring Sections; Coastal Water, Slope Water, and North Atlantic Central Water; are described.

On section A5, Coastal Water has vertical salinity gradients of $0.04^{\circ}/_{\circ o}$ to $0.08^{\circ}/_{\circ o}$ per meter and a horizontal salinity gradient of $0.1^{\circ}/_{\circ o}$ per mile. Slope Water intrudes under Coastal Water producing a salinity maximum. North Atlantic Central Water was found to be .020 to .025 $^{\circ}/_{\circ o}$ more saline than Slope Water.

On section A6, a body of uniform water, centered around 18°C, at 200 to 500 meters is bounded by thermoclines which are always present. This water mass is formed to the north and east of section A6.

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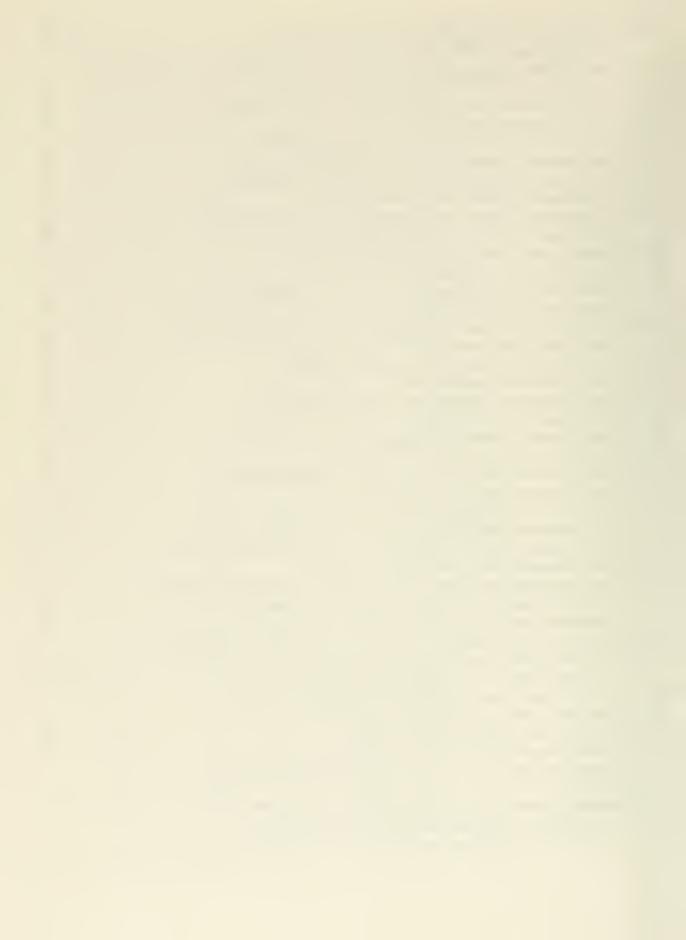


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Oceanographic Observations North Atlantic Standard Monitoring Sections A5, A6, and A7, 1967-69

By

ROBERT QUINCY ROBE¹

INTRODUCTION

Standard Monitoring Sections A5, A6, and A7 lie in the western North Atlantic with their nearshore ends in the shallow waters off the eastern coast of the United States and their offshore ends in deep water off the continental slope (fig. 1). Section A5 extends from the continental shelf at the eastern extremity of the Gulf of Maine to a location approximately 275 miles northwest of Bermuda. Section A6 runs southeast from Cape Hatteras to 31°55'N and thence due east to Bermuda. Section A7 is located on the parallel of latitude 28°35'N running from a point off the east Florida coast near Cape Kennedy, 425 miles due east. All three sections are designed to cross the Gulf Stream system completely and nearly perpendicularly. On 1 May 1972 these sections were shortened by eliminating several stations on the seaward end of the sections.

As a first step toward understanding large scale oceanic processes, U.S. Coast Guard Ocean Station Vessels have occupied standard sections in the North Atlantic since 1964. The goal was to occupy sections A5, A6, and A7 quarterly. Ocean Station Vessels occupied these sections on their return from Ocean Stations BRAVO, CHARLIE, DELTA, and ECHO. U.S. Coast Guard oceanographic ships ROCK-AWAY and EVERGREEN occupied A5, A6, and A7 as required.

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DATA ACQUISITION AND PROCESSING

Temperature data were acquired either with paired reversing thermometers on Nansen bottles or with a salinity-temperature-depth sensor system (STD). The acquisition and processing of temperature data from the reversing thermometers generally followed the procedures specified by U.S. Naval Hydrographic Office Publication No. 607 (1955) and La Fond (1951). A PDP-5 or PDP-8 computer was used for thermometer corrections. STD temperature values were read from an analog trace and corrected using reversing thermometer values at the surface and bottom of the cast for quality control.

Salinity values were either determined from a sample collected with teflon-lined Nansen bottles and analyzed on board with inductive salinometers or were read from an analog STD trace, quality controlled by a salinity sample from the surface and bottom of the cast. The salinometers were calibrated with standard (Copenhagen) water at least once per 30 samples. The conductivity values obtained were converted to salinity by use of the International Oceanographic Tables published jointly by UNESCO and the National Institute of Oceanography of Great Britain (1966).

Sampling depths on Nansen casts were determined with paired protected and unprotected reversing thermometers or interpolated from L-Z curves based on thermometer performance and wire angle. Procedures used for these determinations were essentially those specified by LaFond (1951). STD sampling depths were determined by pressure sensors and read from an analog trace.

All oceanographic and meteorlogical data acquired were quality-controlled at Coast Guard Oceanographic Unit (CGOU), then submitted to the National Oceanographic Data Center (NODC) for further processing and data listings (reprinted in Appendix A). The NODC output, in punched card format, was used to construct vertical sections of temperature, salinity, and sigma-t with an incremental plotter using a computer program developed by Richard F.

Johnson. The resulting sections were quality-controlled and smoothed by hand to yield plates of publication quality. The final form of the temperature, salinity and density sections are included in this report (figs. 2-58).

Further details concerning the techniques used to acquire and process these data can be obtained from CGOU.

CRUISE NARRATIVES

During the period 1967-69, a total of 19 occupations of A5, A6, and A7 were completed. Of these, six were on A5, nine on A6, and four on A7.

Table 1. Oceanographic Cruises on Standard Monitoring Sections A5, A6, and A7 during 1967-69.

Cruise No.	Ship	Dates	No. Sta.	NODC Ref. No.
A5-21	CGC EVERGREEN	17–22 Jan 67	22	31-8006
A5-3	CGC ROCKAWAY	17-20 Nov 67	18	31-8028
A5-4	CGC ROCKAWAY	15-18 Dec 67	19	31-8033
A5-5	CGC EVERGREEN	1–5 Oct 68	18	31-8059
A5-6	CGC YAKUTAT	7–8 Nov 68	12	31-1384
A5-7	CGC YAKUTAT	20-22 Apr 69	18	31-1479
A6-3	CGC EVERGREEN	24–27 Jan 67	15	31-8006
A6-4	CGC ROCKAWAY	13–15 Nov 67	15	31-8028
A6-5	CGC ROCKAWAY	12-14 Dec 67	15	31-8032
A6-6	CGC MENDOTA	8–10 Apr 68	13	31-1262
A6-7	CGC EVERGREEN	7–10 Oct 68	15	31-8060
A6-8	CGC McCULLOCH	3–4 Dec 68	11	31-1386
A6-9	CGC HUMBOLDT	6–8 Jun 69	17	31-1484
A6-10	CGC McCULLOCH	8-10 Sep 69	13	31-1526
A6-11	CGC ABSECON	16-17 Nov 69	15	31-1566
A7-1	CGC EVERGREEN	29 Jan-1 Feb 67	15	31-8006
A7-2	CGC ANDROSCOGGIN	26–28 Jun 67	16	31-1087
A7-3	CGC SEBAGO	24–26 Jun 68	16	31-1273
A7-4	CGC ANDROSCOGGIN	9-11 Dec 69	16	31-8139

¹The A in the cruise number indicates that the standard section is in the Atlantic. The first number is the standard section number and the number after the hyphen is the serial number of the section occupation.

DISCUSSION

Section A5

Standard Section A5 had three major water masses in the upper 1500 meters during 1967 to 1969. Beginning at the coast and proceeding seaward they were Coastal Water, Slope Water and North Atlantic Central Water (NAC). At the surface these water masses were characterized by increasing temperature and increasing salinity as one moved seaward. At a depth of about 1000 meters the water masses all converged toward NAC water (figs. 2-19).

Coastal Water was characterized by a very steep salinity gradient in the vertical and horizontal directions. The vertical salinity gradient was as large as 0.04°/00 to 0.08°/00 per meter. A surface salinity gradient of 0.1% per mile was not unusual near the boundary between Slope Water and Coastal Water. Coastal Water extended to a depth of about 200 meters, the depth of the shelf break, where the salinity reached 34.8°/00-35.4°/00. Often at the lower boundary of Coastal Water there was a salinity maximum if the salinity reached at least 35%. This appeared to be a result of an intrusion of Slope Water beneath the Coastal Water. Whether or not a salinity maximum existed, Coastal Water was underlaid by the more isohaline deeper portions of the Slope Water. Coastal Water covered the continental shelf and slope. It extended beyond the shelf break by 50 to 100 nmi on A5.

Above the seaward edge of the continental slope and extending at times almost 300 miles beyond the Coastal Water was a water mass known as Slope Water. As pointed out by Iselin (1936). Slope Water has properties intermediate between the Coastal Water and the waters of the Gulf Stream. At the location of standard section A5. Slope Water had a lateral extent varying from about 40 nmi to about 280 nmi. The wide variation in the lateral extent of Slope Water was more a function of the Gulf Stream position than a function of Coastal Water position.

In most cases, the isohalines and isotherms of the A5 section were fairly level in the Slope Water region with the notable exception of section A5-4 (figs. 8 and 9). On this particular section taken in December 1967 there was an apparent anticyclonic eddy centered on station nine. This eddy had a salinity maximum of greater than 36.6% and a temperature greater than 19°C at 100 meters. The upper 50 to 75 meters of the eddy had been eroded, probably due to the storms and cooling present at this time of year. This eddy must have disconnected from the Gulf Stream only a short time before the section was taken since the core of the eddy was only about 30 nmi from the axis of the Gulf Stream as defined by the 15°C isotherm at 200 meters. This eddy was very shallow and appeared only in the upper 300 meters although it affected isopleths of temperature and salinity down to 600-700 meters.

The isopycnals of the Slope Water broke fairly sharply at the edge of the Gulf Stream and curved downward toward the east, but between the Slope Water and the Coastal Water there was no such break. The isopycnals generally sloped upward to the west in the Slope Water—Coastal Water region. Slope Water deeper than about 100–125 meters had characteristics very close to that of NAC Water, only slightly less saline (.020% to .025% based on a least squares analysis of the data.

The high speed core of the Gulf Stream was delineated by the 15°C isotherm at 200 meters. This core also formed the shoreward boundary of NAC Water. Normally at a temperature of 8°-9°C Slope Water merged into NAC Water.

In one very interesting instance Slope Water appeared to the east of the Gulf Stream at 800 to 950 meters. This water was normally at 150 to 300 meters in the Slope Water region. This took place on section A5-4 where the Gulf Stream appeared to make a loop of about 180 nmi diameter (figs. 8, 9, and 10). The water in the center of the loop had the characteristics of NAC down to about 500 meters (fig. 60). Below that it began to have the lower salinity characteristic of Slope Water. At 800 meters to 950 meters the water in the loop coincided exactly with Slope

Water. Apparently what had happened was that the loop formed rapidly and pushed to the north and west causing a convergence of Slope and Gulf Stream Waters which then were forced below the Gulf Stream into a position normally occupied by NAC Water.

At a point just below the seaward edge of Coastal Water and extending at times into the Slope Water was a narrow band of water with a salinity much below that of either NAC or Slope Water for a given temperature. This water type appeared as a bulge on T-S diagrams of A5-3 and A5-4 (figs. 59 and 60) at about 5°-7°C and 34.7°/00-34.9°/00 and a depth of 250-500 meters. Subarctic intermediate water was the most likely source for this water type.

There was a salinity maximum at the eastern end of some of the A5 sections which appeared at a depth of 1000–1300 meters on A5-2 and A5-3 (figs. 2 and 5). The salinity was about 35.01°/₀₀ to 35.04°/₀₀ and had a sigma-t of 27.6–27.7. The temperature was about 0.5°C higher than immediately to the west. This most likely was the western extent of Mediterranean influence.

Section A6

Section A6 was dominated by North Atlantic Central Water (NAC) (figs. 20-46). There was a band on the shoreward end of Section A6 which was occupied by the Gulf Stream, although the Gulf Stream was rarely crossed completely during sampling. The Gulf Stream was located about at the shelf break. No pronounced eddies appeared in any of the sections. What might have been a weak decayed eddy was centered on station eight of A6-8 (figs. 35-37). No effect was seen in the upper 200 meters of water.

The main feature of NAC Water on A6 was the broad band of water centered on the 18°C isotherm that was characterized by low gradients of both salinity and temperature. This layer existed on all sections in both summer and winter. The pycnocline, about 26.4 sigma-t, which approximated the position of the 18°C isotherm, never completely broke down in this area. The

water in this layer which divided the upper and lower pycnocline must have been formed elsewhere. The gradient of temperature in this layer of low gradient was .004 or .005°C/m year round. The thermocline below the low gradient layer had a constant gradient of approximately .020 to .025°C/m. The surface thermocline on the other hand had a highly variable temperature gradient that varied from .02°C/m in January 1967 to .17°C/m in October 1968. In January 1967, the mixed layer depth was approximately 130 meters. In February and March the mixed layer deepened, but it was never deeper than 200 meters since the gradient from 200-500 meters was constant as stated above.

The 18°C isotherm formed an inflection point between the positive curvature of the deep thermocline and the negative curvature of the temperature in the shallow thermocline. If mixing does not take place down to 500 meters what accounts for the layer 300 meters thick which is relatively uniform? This water mass matched very closely the 18°C water of Worthington (1959) which was characterized by an inflection point at 17.9 ± 0.3 °C and 36.50 ± 0.10 °/... The combination of the mean sea surface temperature by one degree squares (Gulf Stream Reports, 1969) for January, February and March with the mean surface salinity (USNOO, 1967) for the first quarter of the year gave a possible area for the formation of 18°C water. This gave an area in January (fig. 61) roughly between 36°N to 40°N and 55°W to 60°W. By February this potential formation area covered 33°N to 40°N and 55°W to 70°W (fig. 62). In March the area stayed much as in February and was 32°N to 39°N and 55°W to 71°W (fig. 63). Not surprisingly the 18°C surface water had a salinity in this area that closely matched the 36.50% salinity for 18°C water formation. Temperatures to the south were too high and salinities to the north were too low to form the required 27.4 sigma-t. The mean sea surface temperature by 1° squares was not computed east of 55°W. A6 lies directly to the south of this potential formation area. This is an explanation why the 18°C water layer exists at A6 while mixing there did not reach deeper than 130 meters. Unfortunately, no sections were taken in February and March when the conditions are most suitable for the formation of this water type.

Section A7

The waters of the Florida Current crowded closely to the coast of Florida on section A7, extending over the Blake Plateau for about 50 nmi. The Blake Plateau itself was about 150 nmi wide in this region (figs. 47-58). East of the Florida Current was a broad region of NAC Water which extended to the end of the section. As on section A6, the most pronounced feature of section A7 was the 18°C water layer which separated the seasonal from the permanent thermocline. Other interesting features were the apparent remnants of cyclonic eddies on A7-2 centered on station 10 and on A7-3 centered on station 6. These eddy-like features did not penetrate nearer the surface than the 18°C water layer at about 250 meters. Sections A7-1 and A7-4 had nearly horizontal isopleths of salinity and temperature indicating that the eddy-like structures were indeed transient.

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Appendix A.—Oceanographic Data

1 A5-2, CGC EVERGREEN, January 1967

II A5-3, CGC ROCKAWAY, November 1967

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Cruises Listed

Table

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XIII	A6-9, CGC HUMBOLDT, Jun	e 1969	238		
XIV	A6-10, CGC McCULLOCII, S	eptember 1969	249		
XV	A6-11, CGC ABSECON, Nove	ember 1969	257		
XVI	A7-1, CGC EVERGREEN, Ja	nuary-February 1967	266		
XVII	A7-2, CGC ANDROSCOGGIN	June 1967	276		
XVIII	A7-3, CGC SEBAGO, June 19	968	284		
XIX	A7-4, CGC ANDROSCOGGIN	, December 1969	293		
Codes	Utilized				
A co	mplete description of the codes u	tilized in the tabulation of oceanographic station data can be found in National Oceanogr	aphic		
		ng Physical and Chemical Data from Oceanographic Stations. (Rev. August 1964, su			
	ssued May 1966.)	the state of the s	alam		
10 1	acilitate use of the oceanograph	ic station data listing, entry headings which are not self-explanatory are described b	erow.		
Depth	to Bottom	Uncorrected sounding in meters.			
Max. I	Depth of Samples	Depth of deepest sample to nearest multiple of one hundred meters.			
Wave	observations				
		Rounded to nearest multiple of 10 degrees.			
	r	Increments of 1/2 m. Sum of 5 meters plus increments of 1/2 m if 50 is added to direct If numerals 2 through 9 are entered, period in seconds is twice the numeric entry of the seconds in the seconds is twice the numeric entry of the seconds.			
1 E.	· · · · · · · · · · · · · · · · · · ·	(numeric entry) + 1. For other entries see WMO Code 3155.	JI 271		
	١	Sea state according to WMO Code 3700.			
Weath	er Code	If preceded by X, weather according to WMO Code 4501. If a two-digit entry, we according to WMO Code 4677.	eather		
Cloud	Code				

Type...... Cloud type according to WMO Code 0500.

estimated.

Water Color Code Trans	
Wind Dir Speed.	Rounded to nearest multiple of 10 degrees. Letter S indicates wind speed in knots.
Barometer	Barometric pressure given in tens, units and tenths of millibars.
Air Temp. °C	Air temperature to tenths of a degree Celsius.
Vis. Code	Visibility according to WMO Code 4300.
No. obs. depths	Number of observed levels associated with the station.
Messenger time	Entered in hours and tenths of an hour GMT. For Nansen casts, indicates time of release of messenger applicable to the observational level. For STD casts, indicates the starting time of lowering the sensor.
Card type	OBS designates observed levels. STD indicates the values at this standard level were interpolated by a modified 3-point LaGrange formula.
Depth (m)	Depth to nearest meter. A postscript T indicates depth was obtained thermometrically; Z indicates uncorrected "wire out" depth. Postscript Q indicates value was marked doubtful by originator; P indicates value was considered doubtful by NODC. Postscripts P and Q retain this meaning throughout the following entries.
T °C	Temperature to hundredths of a degree Celsius.
S %	Salinity in parts-per-thousand.
SIGMA-T	Entered to hundredths.
Specific-volume	Multiply entry by 10^{-7} to obtain specific-volume anomaly in cubic centimeters per gram.

Sound Velocity....... Sound velocity according to Wilson's formula entered to tenths of a meter per second.

to the sea surface.

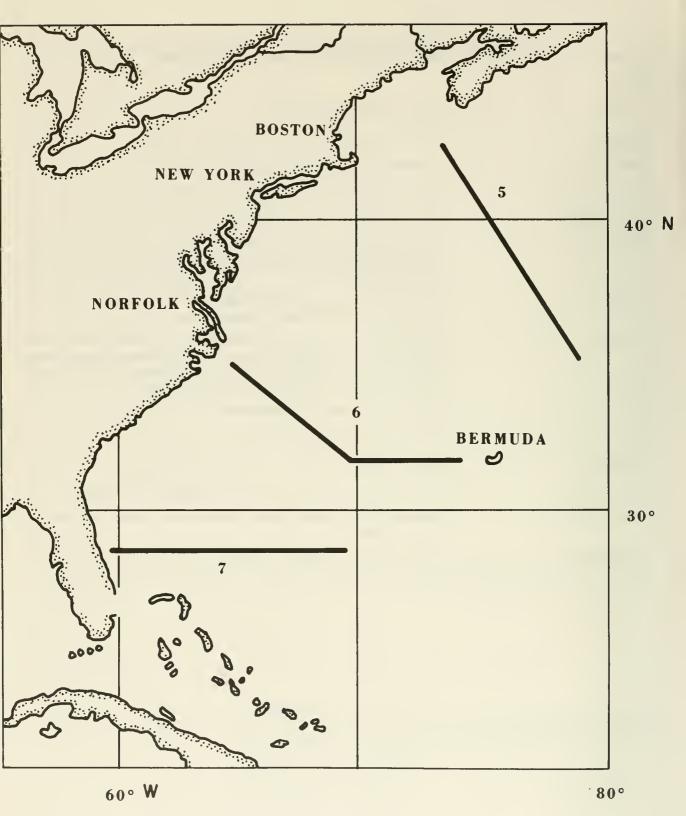
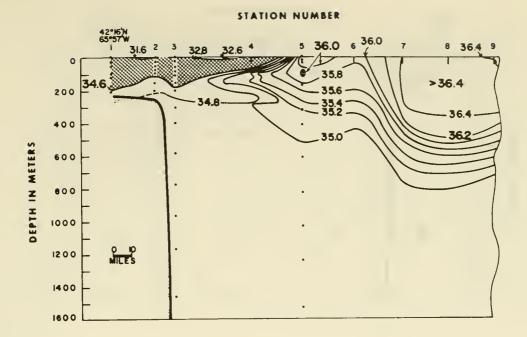


Figure 1.—Location of Standard Monitoring Sections A5, A6, and A7.



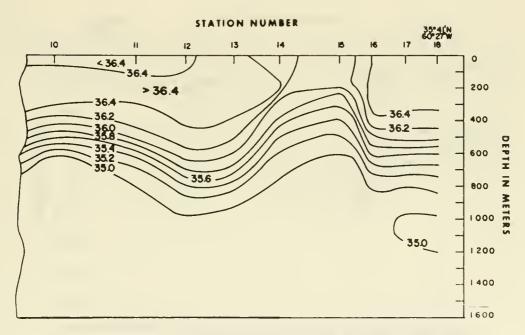
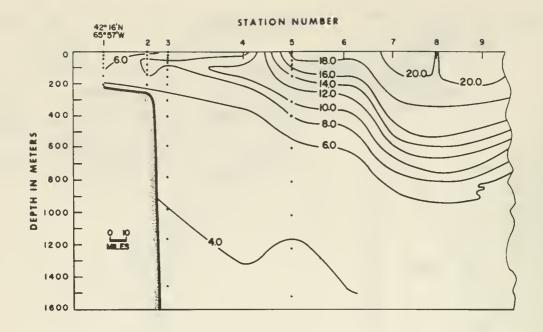


Figure 2.—Vertical section of salinity (%)00). A5-2, CGC EVERGREEN, 17-22 January 1967, stations 1-18. (Area of intense halocline indicated by crosshatching).



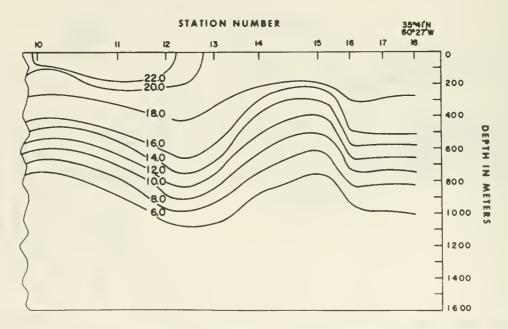
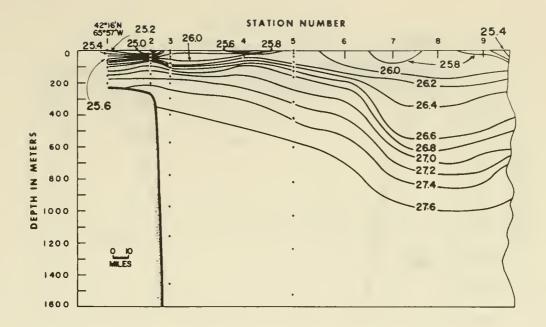


Figure 3.—Vertical section of temperature (°C). A 5-2, CGC EVERGREEN, 17–22 January 1967, stations 1-18.



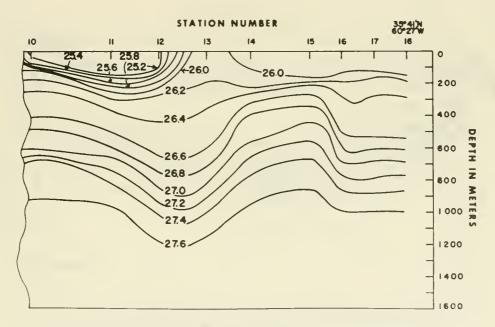
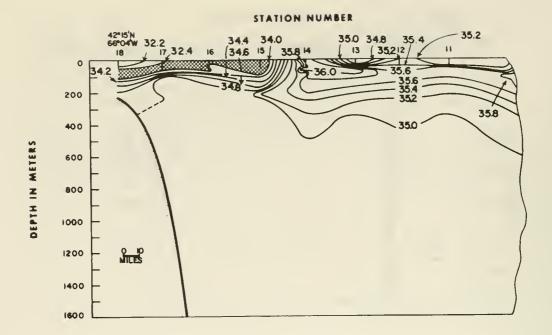


Figure 4.—Vertical section of sigma-t (g/10² cm²). A5-2, CGC EVERGREEN, 17-22 January 1967, stations 1-18.



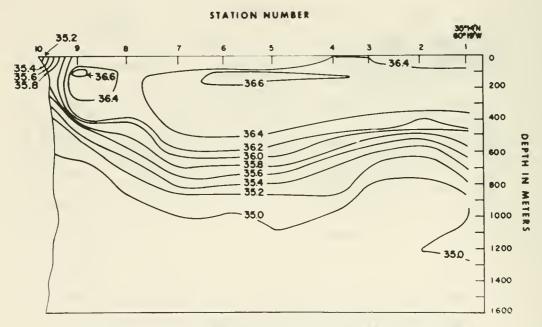
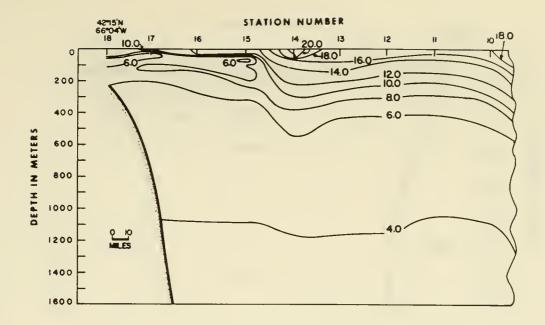


Figure 5.—Vertical section of salinity (%00). A5-3, CGC ROCKAWAY, 17-20 November 1967, stations 1-18. (Area of intense halocline indicated by crosshatching).



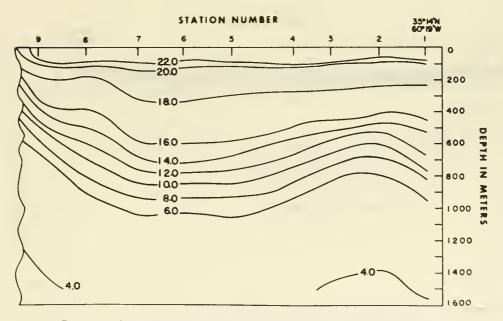
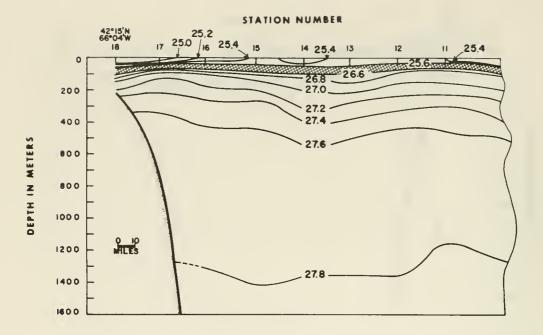


Figure 6.—Vertical section of temperature (°C). A5-3, CGC ROCKAWAY, 17-20 November 1967, stations 1-18.



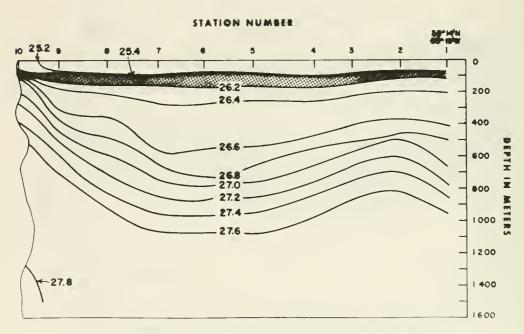
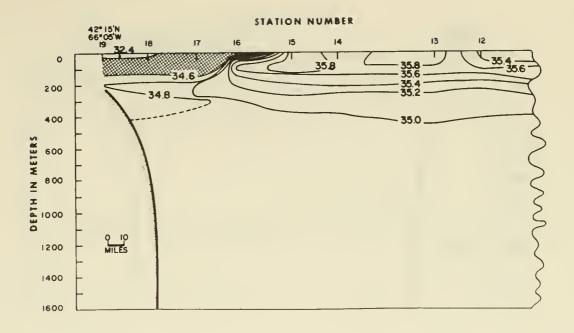


Figure 7.—Vertical section of sigma-t (g/10³ cm³). A5-3, CGC ROCKAWAY, 17-20 November 1967, stations 1-18. (Area of intense pycnocline indicated by crosshatching).



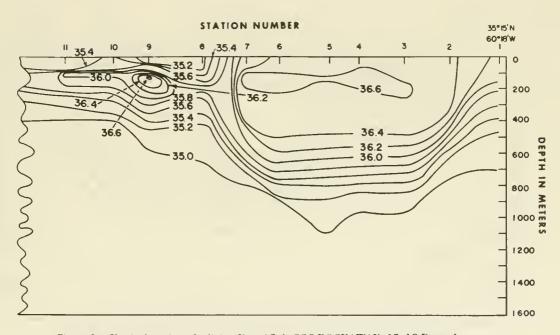
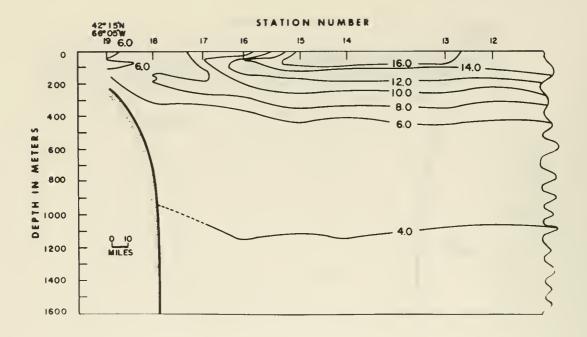


Figure 8.—Vertical section of salinity (°/00). A5-4, CGC ROCKAWAY, 15-18 December 1967, stations 1-19. (Area of intense halocline indicated by crosshatching).



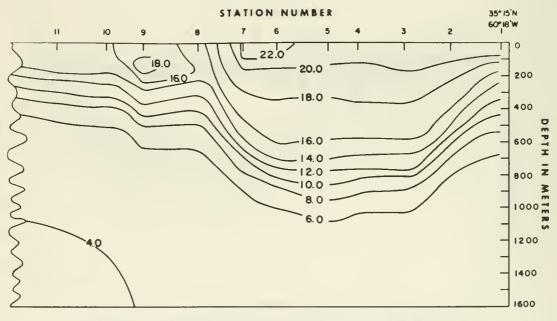
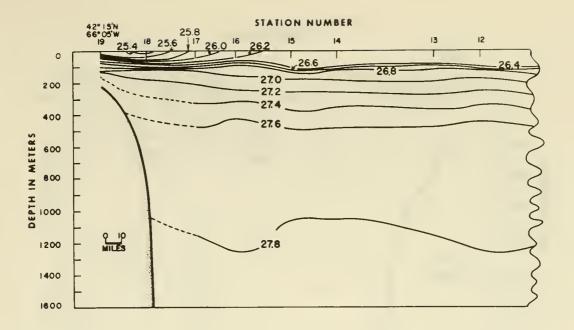


Figure 9.—Vertical section of temperature (°C). A5-4, CGC ROCKAWAY, 15-18

December 1967, stations 1-19.



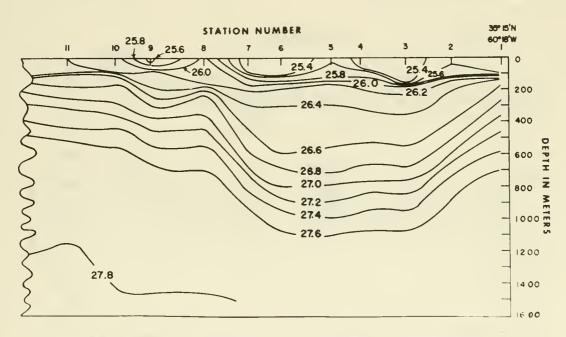


Figure 10.—Vertical section of sigma-t (g/10³ cm²). A5-4, CGC ROCKAWAY, 15-18 December 1967, stations 1-19.

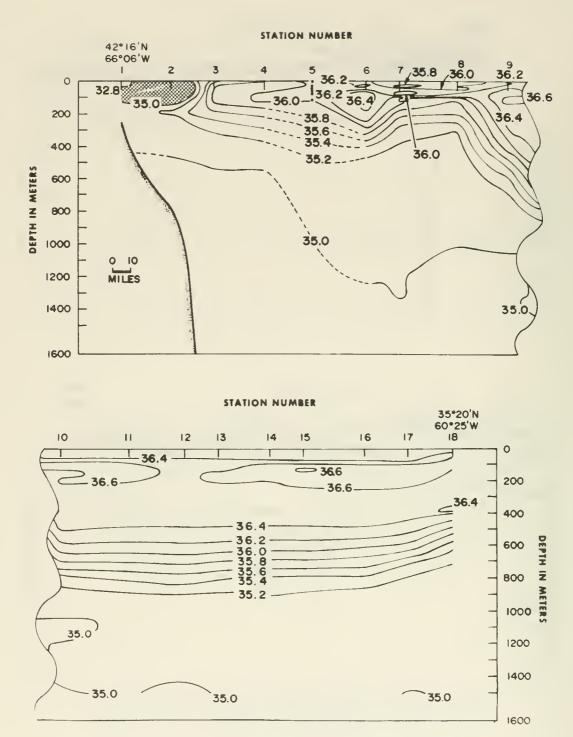


Figure 11.—Vertical section of salinity (%00). A5-5, CGC EVERGREEN, 1-5 October 1968, stations 1-18. (Area of intense halocline indicated by crosshatching).

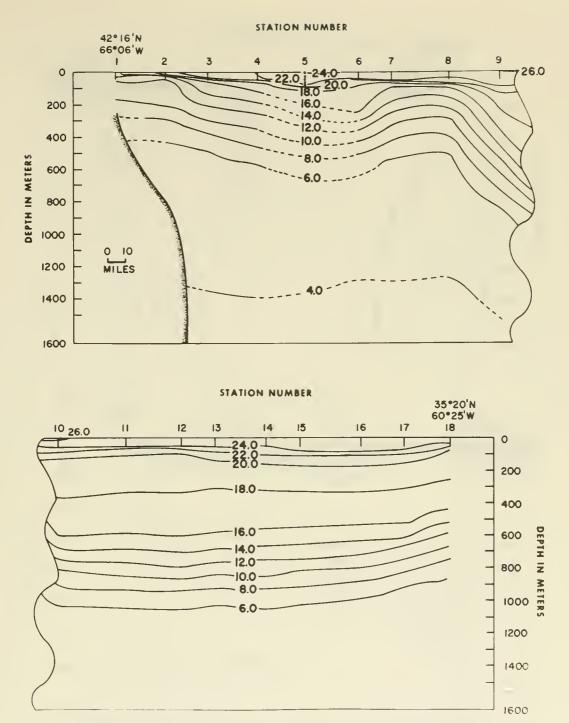
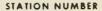
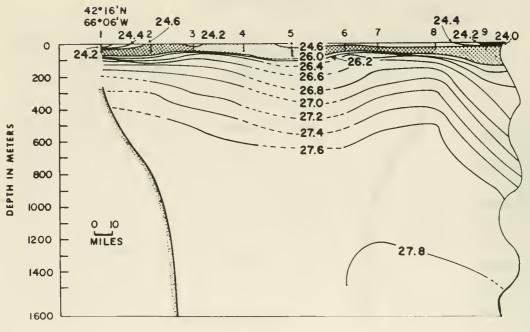


Figure 12.—Vertical section of temperature (°C). A5-5, CGC EVERGREEN, 1-5 October 1968, stations 1-18.





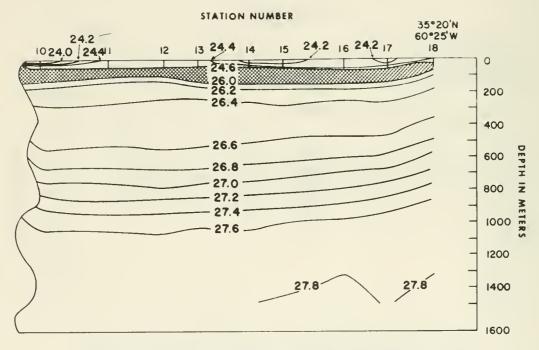


Figure 13.—Vertical section of sigma-t (g/10³ cm³). A5-5, CGC EVERGREEN, 1-5 October 1968, stations 1-18. (Area of intense pycnocline indicated by crosshatching).

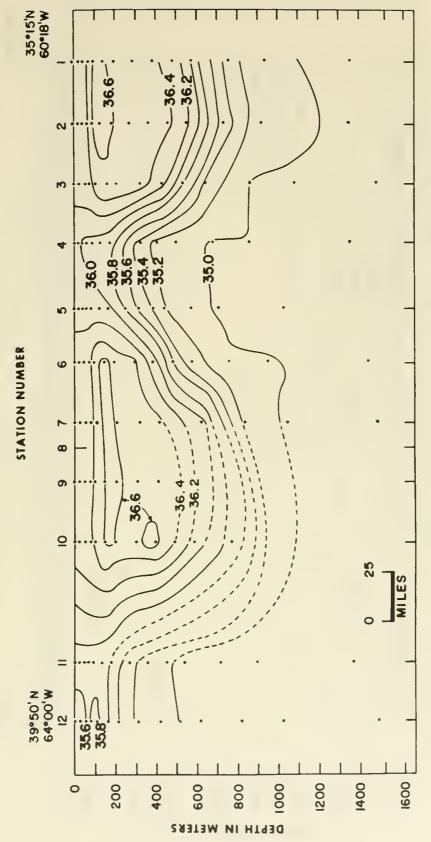
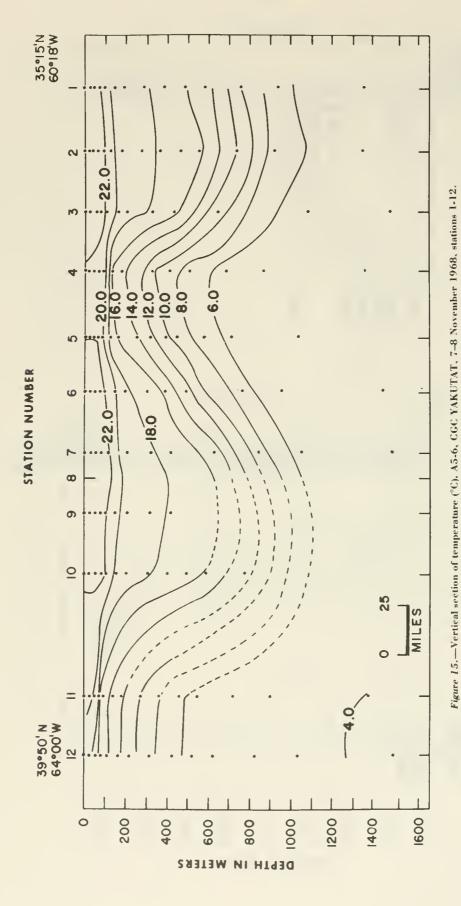


Figure 14.-Vertical section of salinity (%0). A5-6, CGC YAKUTAT, 7-8 November 1968, stations 1-12.



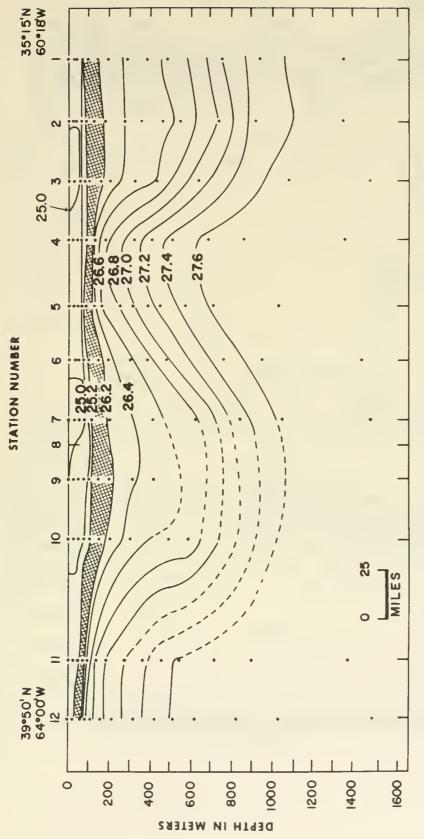


Figure 16.—Vertical section of sigma-t (g/10° cm³). A5-6, CGC YAKUTAT, 7-8 November 1968, stations 1-12. (Area of intense pyenocline indicated by crosshatching).

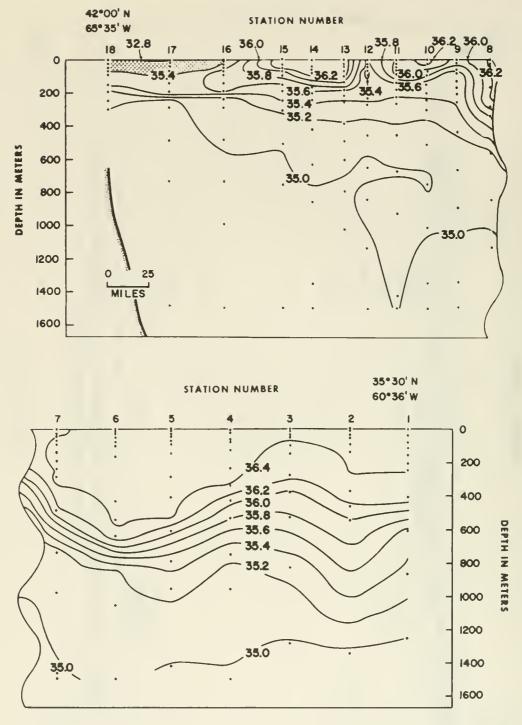


Figure 17.—Vertical section of salinity (%).0.). A5-7, CGC YAKUTAT, 20–22 April 1969, stations 1-18. (Area of intense halocline indicated by crosshatching).

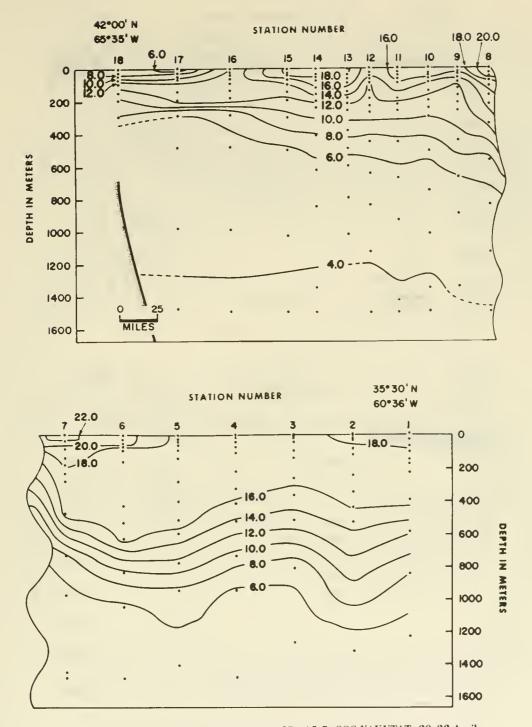


Figure 18.—Vertical section of temperature (°C). A5-7, CGC YAKUTAT, 20–22 April 1969, stations 1-18.

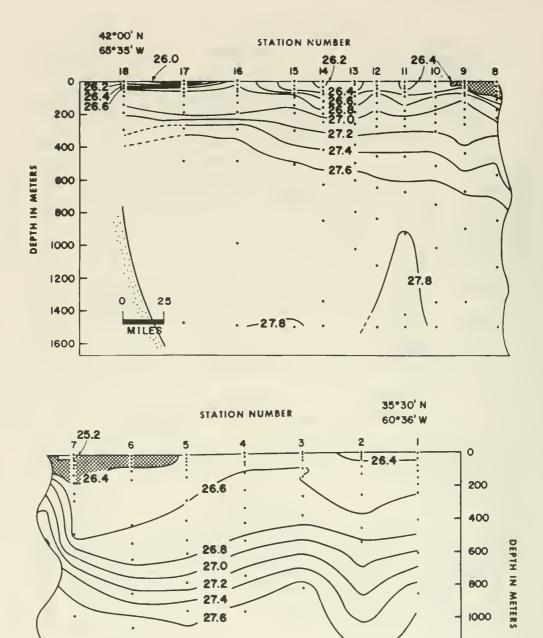
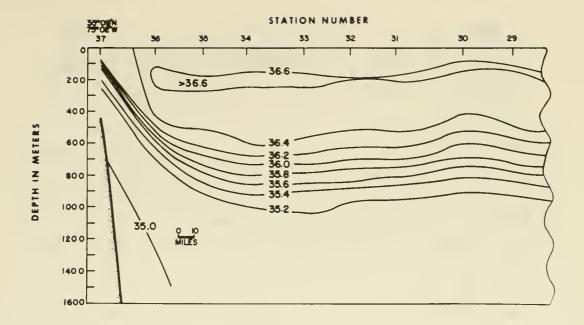


Figure 19.—Vertical section of sigma-t (g/10³ cm³). A5-7, CGC YAKUTAT, 20-22 April 1969, stations 1-18. (Area of intense pycnocline indicated by crosshatching).



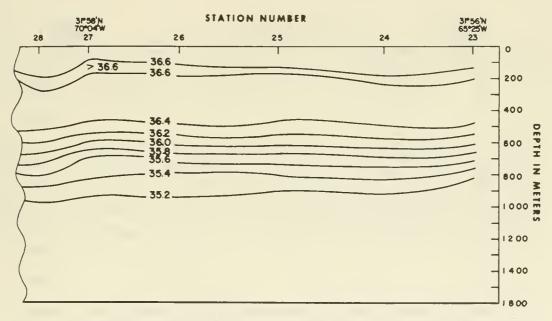
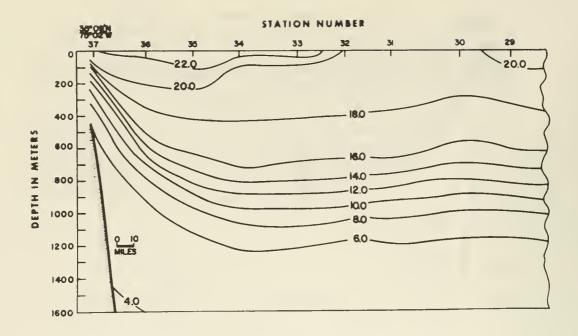


Figure 20.—Vertical section of salinity (%00), A6-3, CGC EVERGREEN, 24–27 January 1967, stations 23-37.



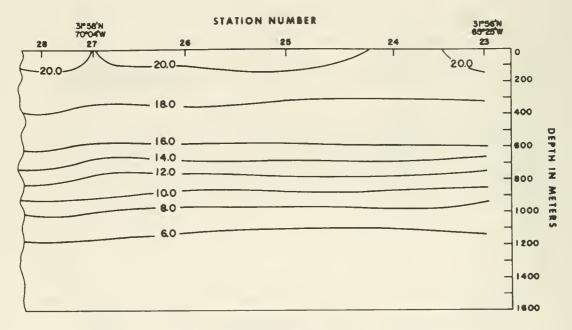
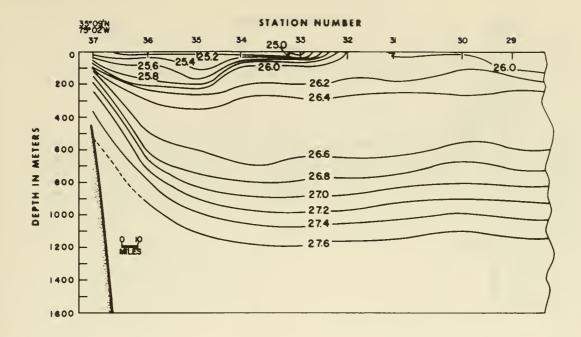


Figure 21.—Vertical section of temperature (°C). A6-3, CGC EVERGREEN, 24-27 January 1967, stations 23-37.



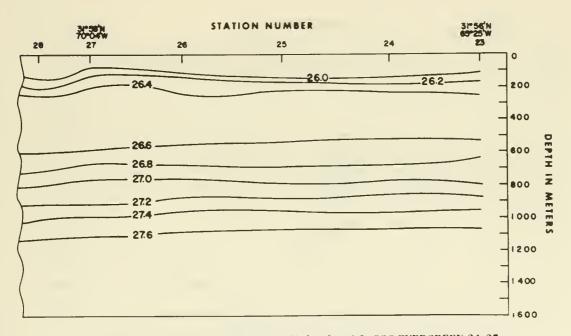
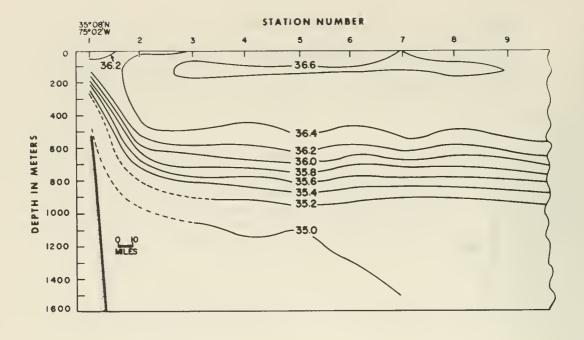


Figure 22.—Vertical section of sigma-t (g/ 10^3 cm 3). A6-3, CGC EVERGREEN 24-27 January 1967, stations 23-37.



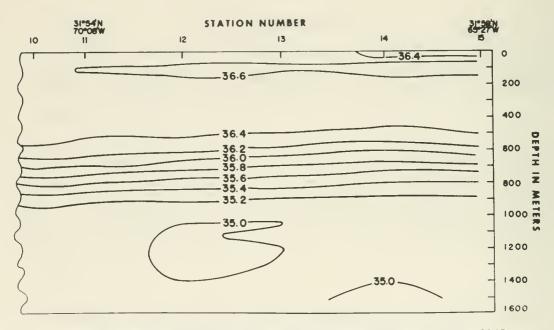
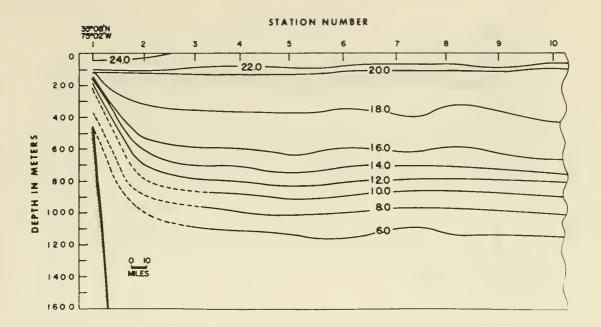


Figure 23.—Vertical section of salinity (%00), A6-4, CGC ROCKAWAY, 13-15 November 1967, stations 1-15.



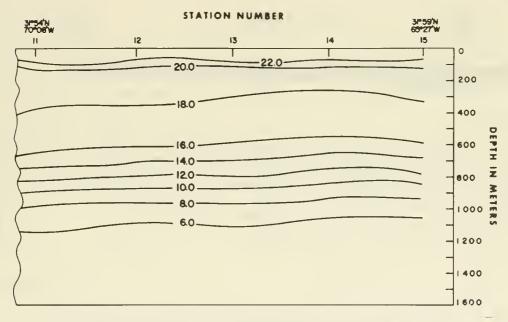
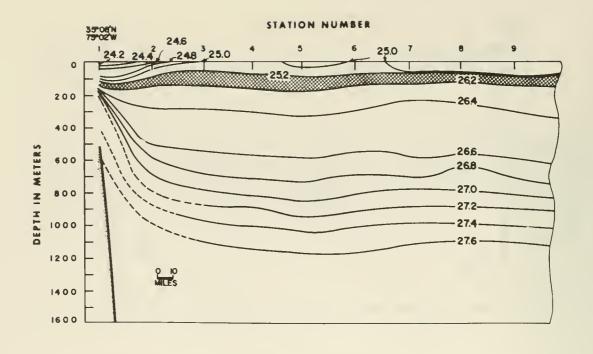


Figure 24.—Vertical section of temperature (°C). A6-4, CGC ROCKAWAY, 13-15 November 1967, stations 1-15.



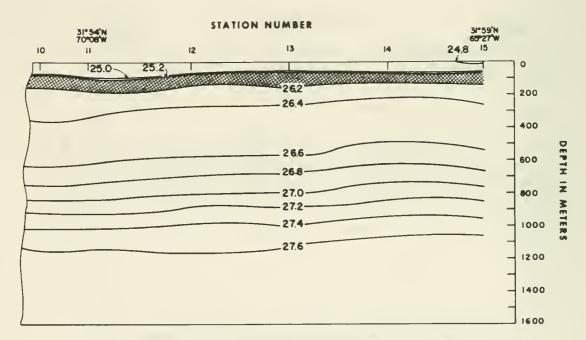
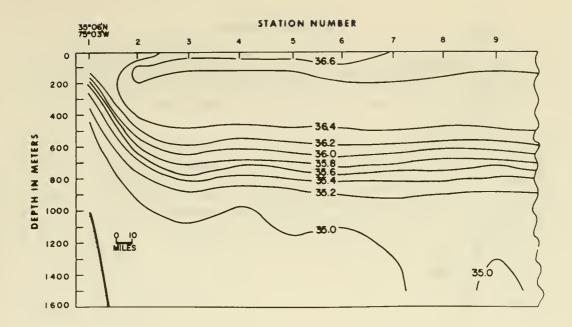


Figure 25.—Vertical section of sigma-t (g/ 10^3 cm 3). A6-4, CGC ROCKAWAY, 13–15 November 1967, stations 1-15. (Area of intense pycnocline indicated by crosshatching).



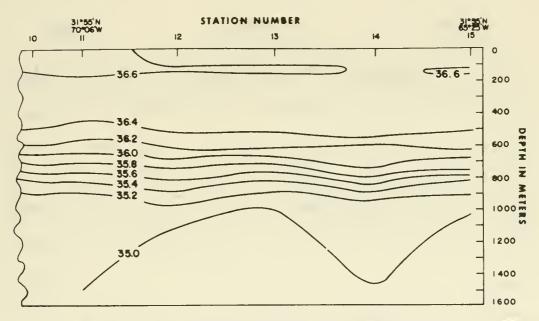
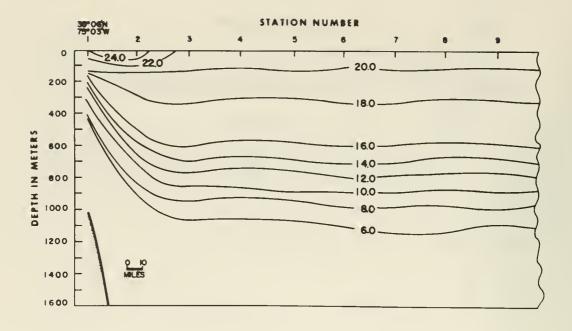


Figure 26.—Vertical section of salinity (°/00), A6-5, CGC ROCKAWAY, 12-14 December 1967, stations 1-15.



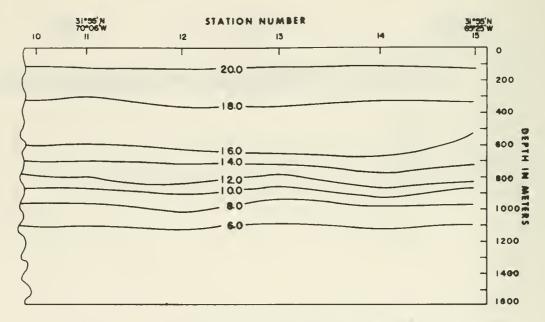
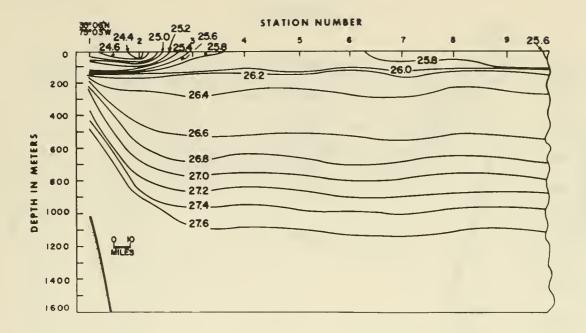


Figure 27.—Vertical section of temperature (°C). A6-5, CGC ROCKAWAY, 12-14 December 1967, stations 1-15.



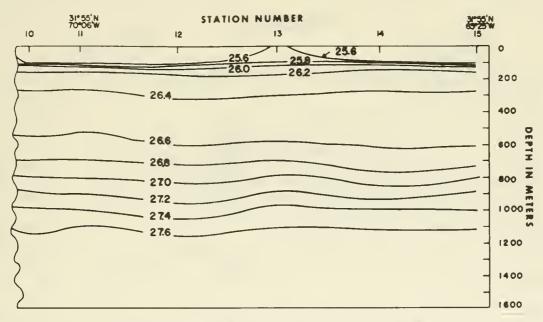
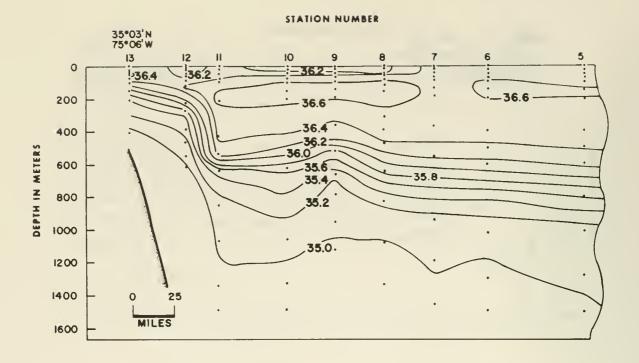


Figure 28.—Vertical section of sigma-t (g/10³ cm³). A6-5, CGC ROCKAWAY, 12-14 December 1967, stations 1-15.



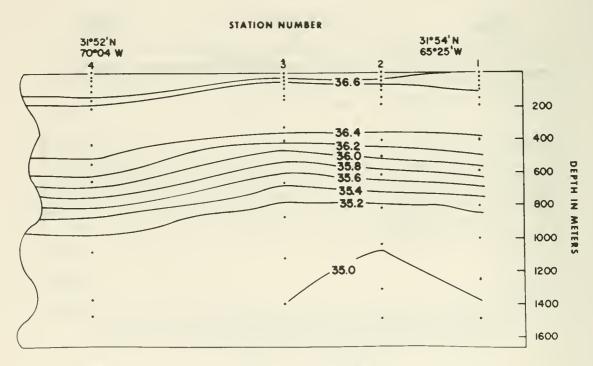
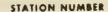
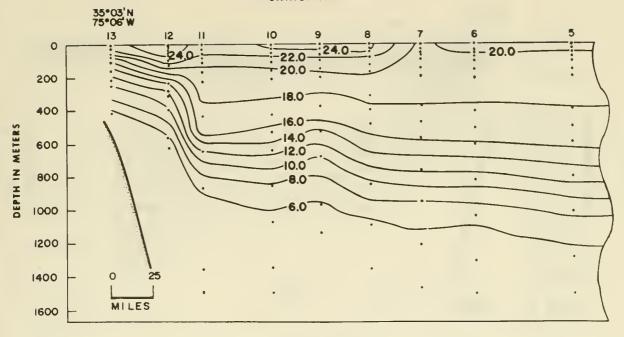


Figure 29.—Vertical section of salinity (%00). A6-6, CGC MENDOTA, 8-10 April 1968, stations 1-13.





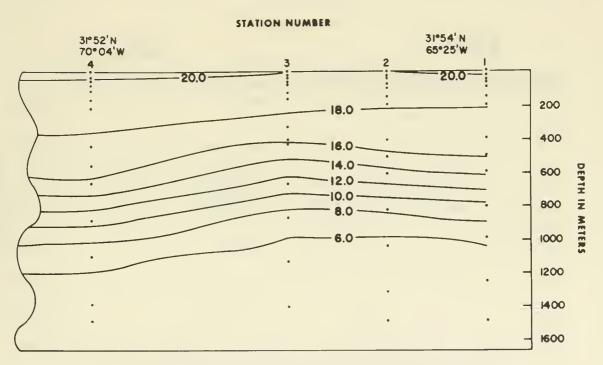
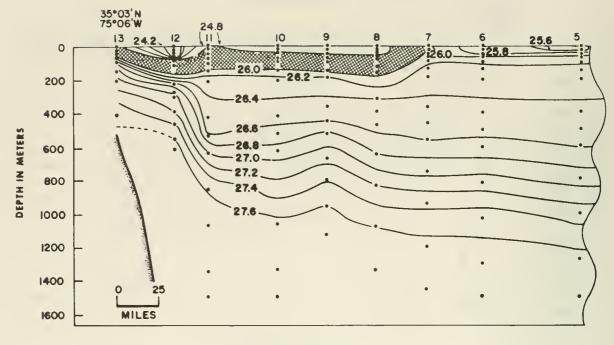


Figure 30.—Vertical section of temperature (°C), A6-6, CGC MENDOTA, 8–10 April 1968, stations 1-13.



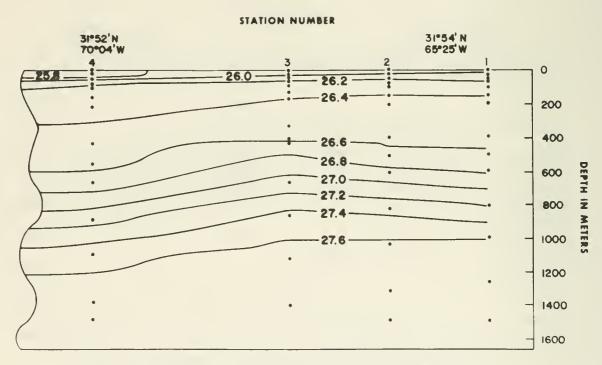
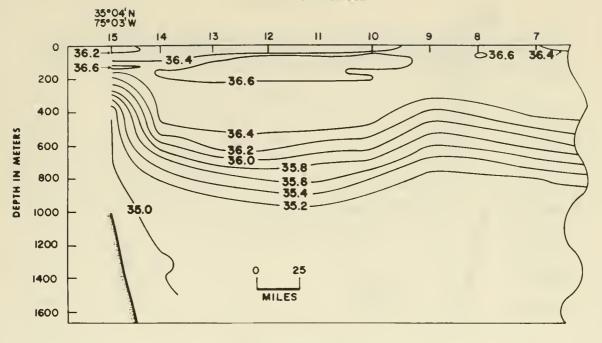


Figure 31,—Vertical section of sigma-t (g/10³ cm³). A6-6, CGC MENDOTA, 8-10 April 1968, stations 1-13. (Area of intense pycnocline indicated by crosshatching).



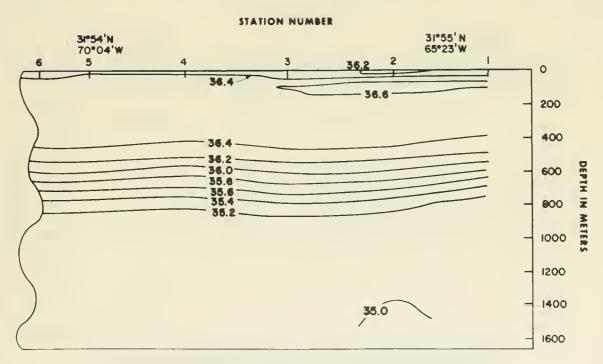
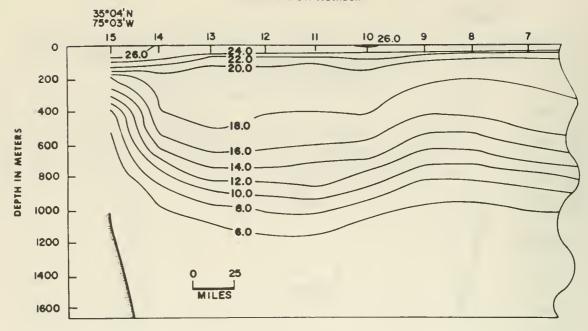


Figure 32.—Vertical section of salinity (%00). A6-7, CGC EVERGREEN, 7-10 October 1968, stations 1-15.



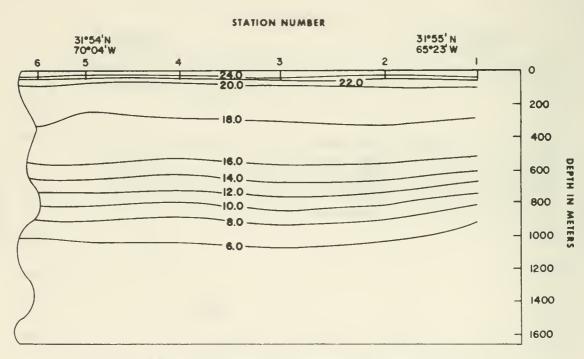
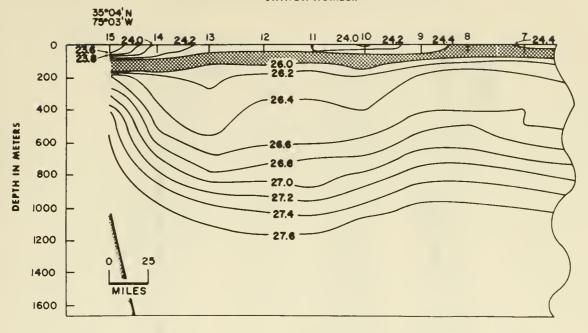


Figure 33.—Vertical section of temperature (°C). A6-7, CGC EVERGREEN, 7-10 October 1968, stations 1-15.



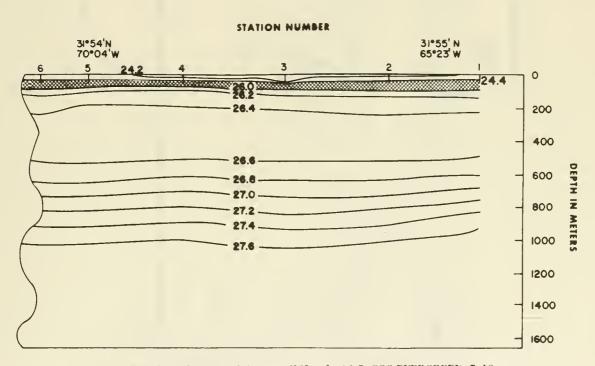
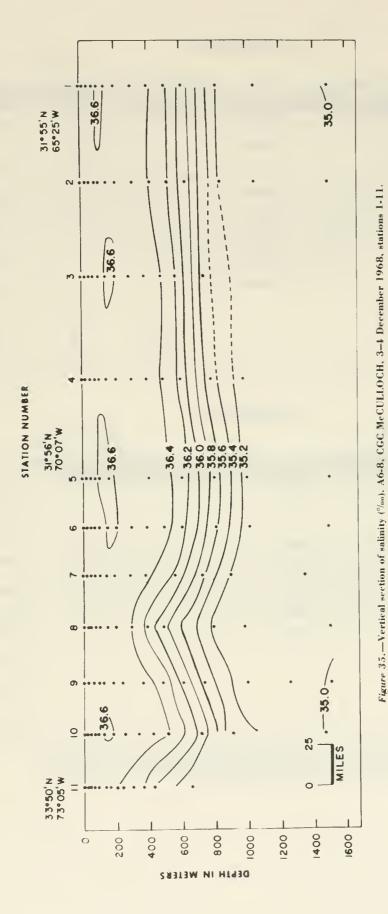


Figure 34.—Vertical section of sigma-1 (g/10³ cm³). A6-7, CGC EVERGREEN, 7-10 October 1968, stations 1-15. (Area of intense pycnocline indicated by crosshatching).



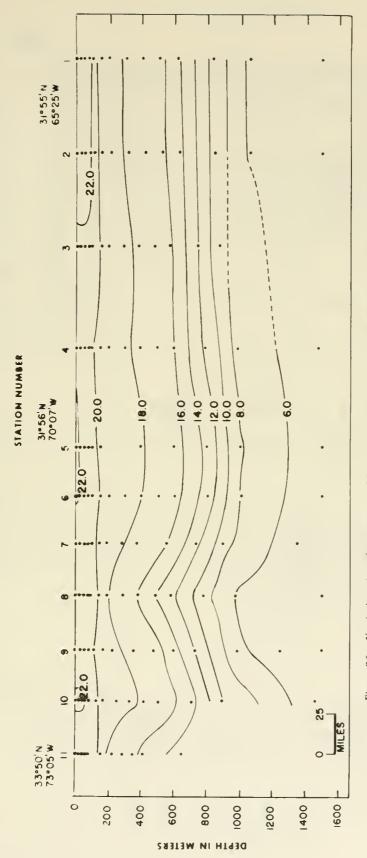


Figure 36.-Vertical section of temperature (°C). A6-8, CGC McCULLOCH, 3-4 December 1968, stations 1-11.

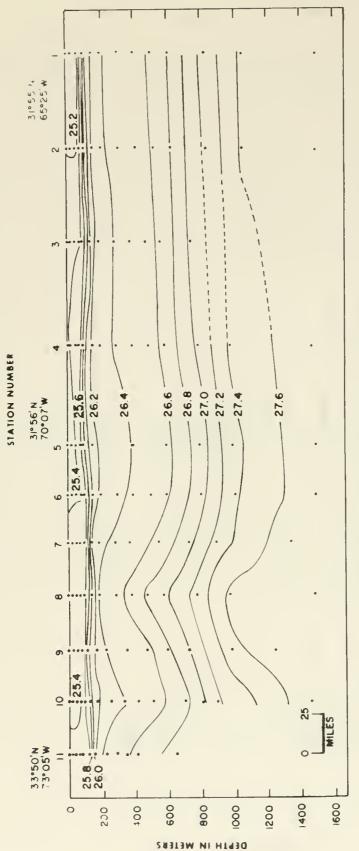
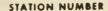
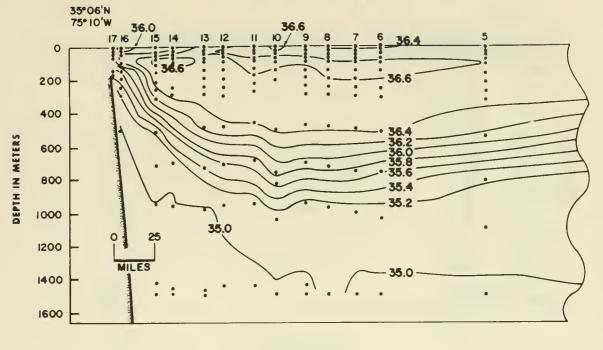


Figure 37,-Vertical section of sigma-t (g/103 cm3), A6-8, CGC McCULLOCH, 3-4 December 1968, stations 1-11.





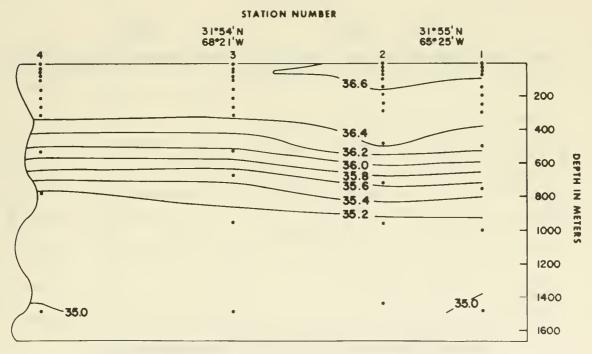
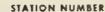
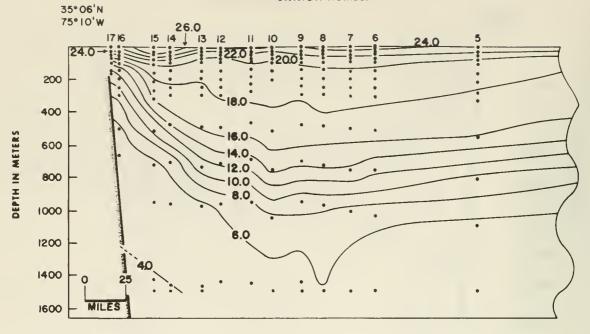


Figure 38.—Vertical section of salinity (%00). A6-9, CGC HUMBOLDT, 6-8 June 1969, stations 1-17.





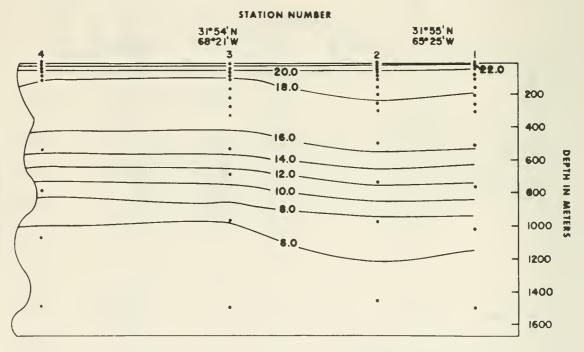
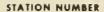
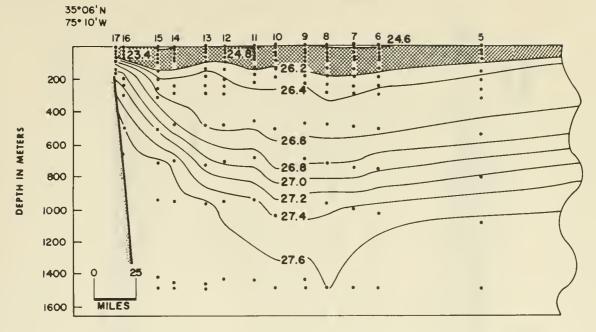


Figure 39.—Vertical section of temperature (°C). A6-9, CGC HUMBOLDT, 6-8 June 1969, stations 1-17.





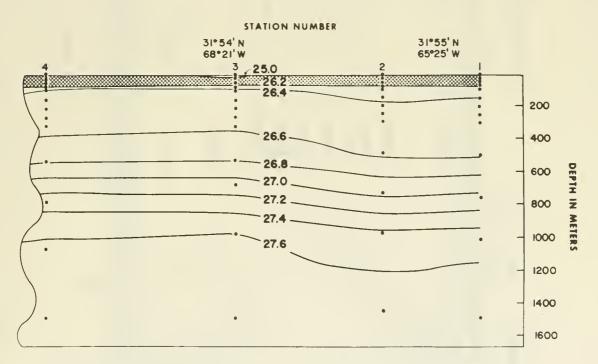


Figure 40.—Vertical section of sigma-t (g/10³ cm³). A6-9, CGC HUMBOLDT, 6-8 June 1969, stations 1-17. (Area of intense pycnocline indicated by crosshatching).

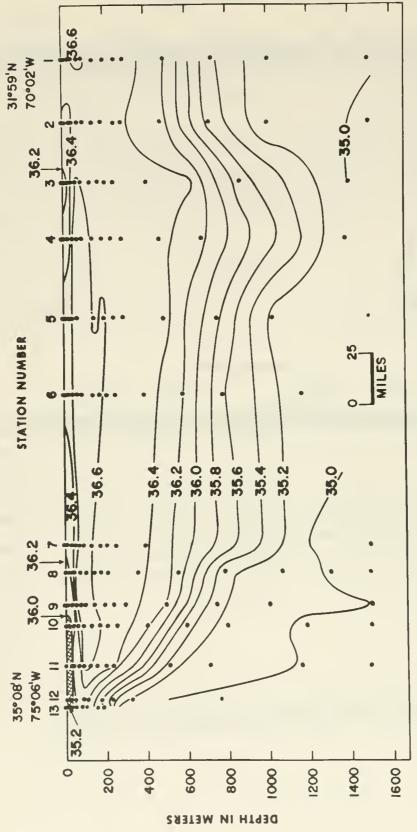


Figure 41.—Vertical section of salinity (%00). A6-10, CGC McCULLOCH, 8-10 September 1969, stations 1-13 (Area of intense halocline indicated by crosshatching).

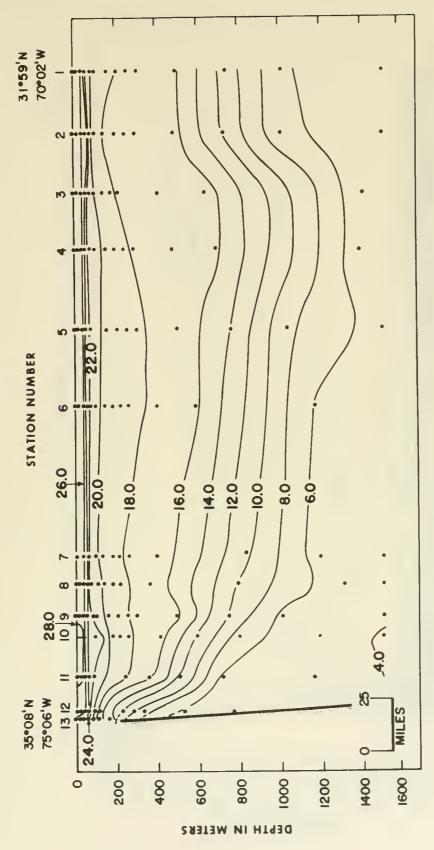


Figure 42.—Vertical section of temperature (°C). A6-10, CGC McCULLOCH, 8-10 September 1969, stations 1-13.

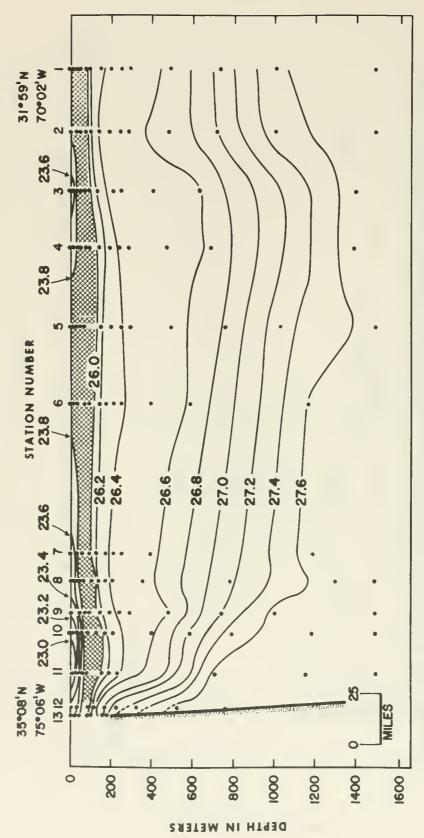


Figure 43.—Vertical section of sigma-t (g/10° cm³). A6-10, CGC McCULLOCH, 8-10 September 1969, stations 1-13. (Area of intense pycnocline indicated by crosshatching).

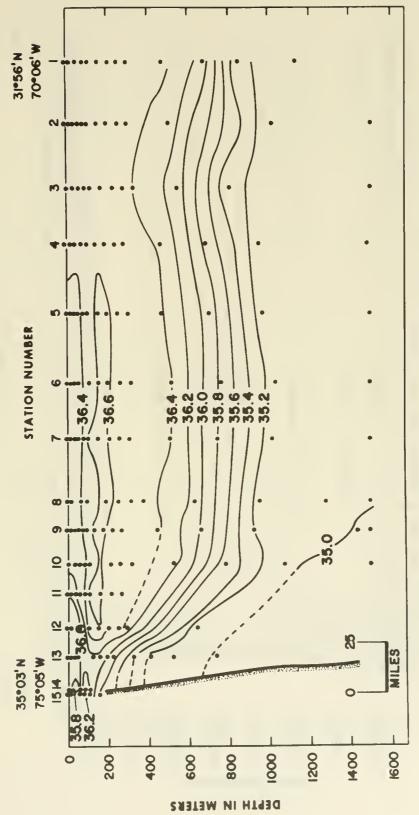


Figure 44.—Vertical section of salinity (%o,), A6-11, CGC ABSECON, 16-17 November 1969, stations 1-15.

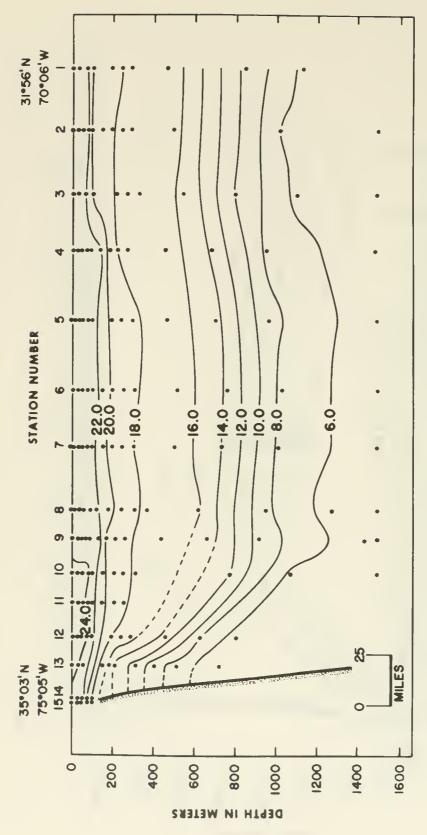


Figure 45,-Vertical section of temperature (°C), A6-11, CGC ABSECON, 16-17 November 1969, stations 1-15.

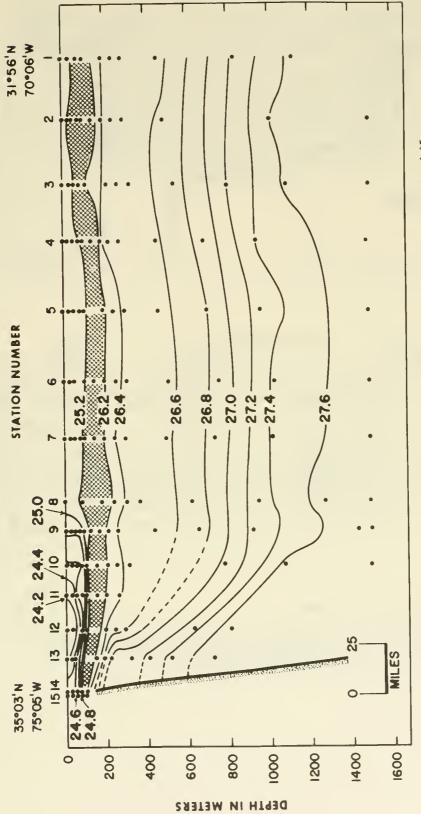
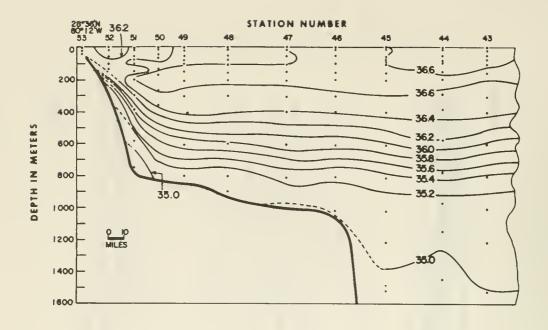


Figure 46,—Vertical section of sigma-t (g/10³ cm³). A6-11, CGC ABSECON, 16-17 November 1969, stations 1-15. (Area of intense pyenocline indicated by crosshatching).



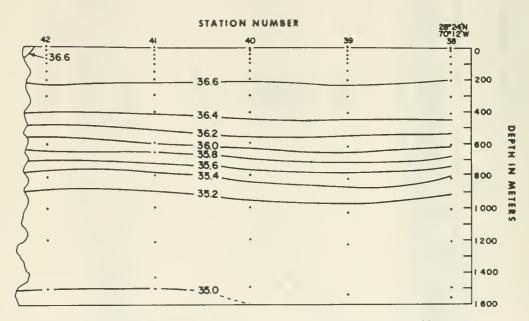
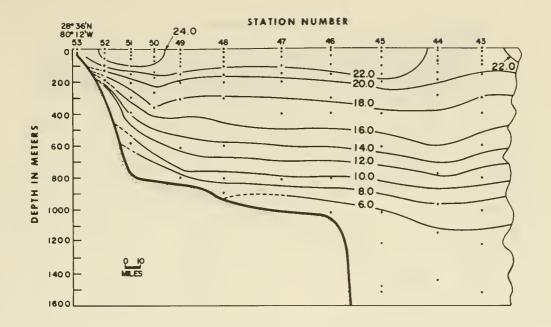


Figure 47:—Vertical section of salinity ($^{\circ}$ / $_{00}$). A7-1, CGC EVERGREEN, 29 January-1 February 1967, stations 38-53.



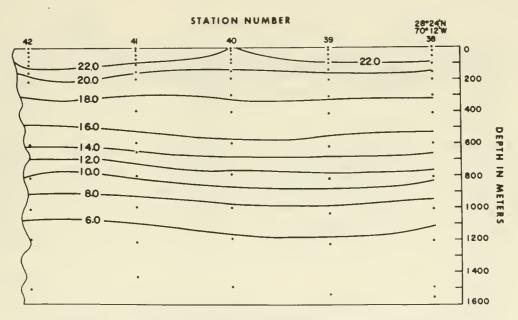
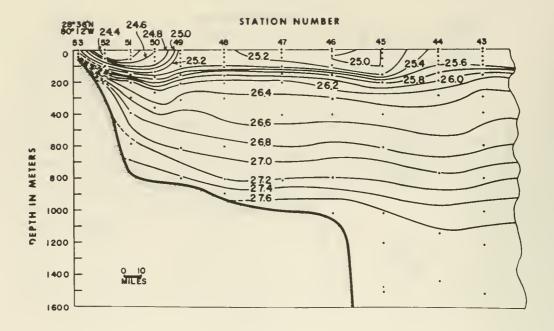


Figure 48.—Vertical section of temperature (°C). A7-1, CGC EVERGREEN, 29 January—1 February 1967, stations 38-53.



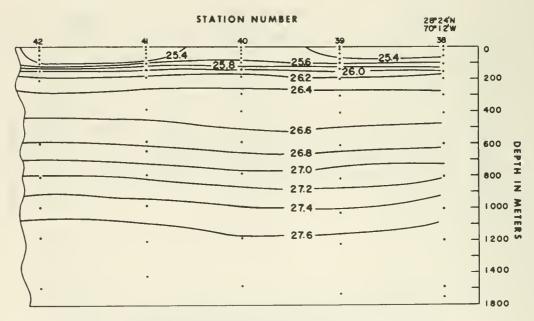
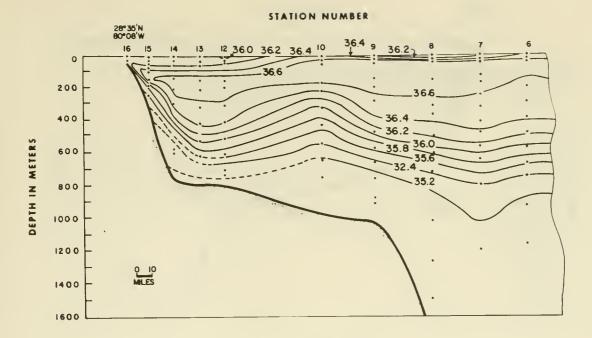


Figure 49.—Vertical section of sigma-t (g/10³ cm³). A7-1, CGC EVERGREEN, 29 January-1 February 1967, stations 38-53.



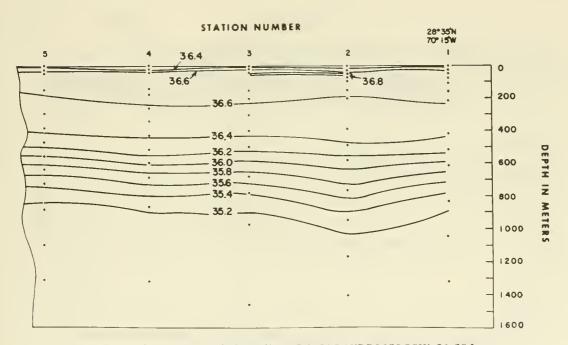
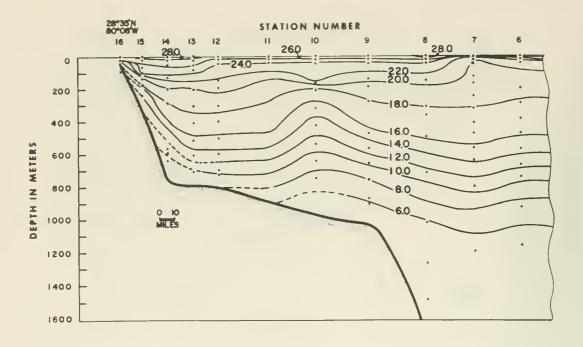


Figure 50.—Vertical section of salinity (%00). A7-2, CGC ANDROSCOGGIN, 26-28 June 1967, stations 1-16.



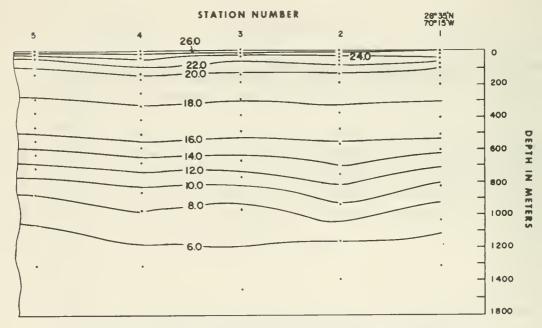
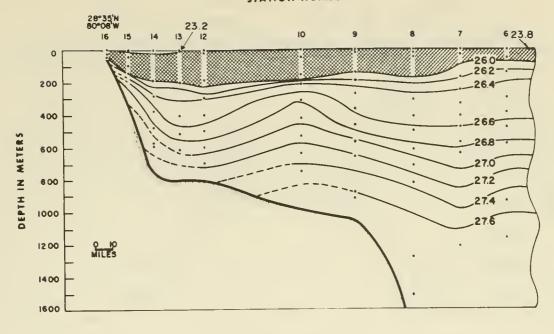


Figure 51.—Vertical section of temperature (°C). A7-2, CGC ANDROSCOGGIN, 26-28 June 1967, stations 1-16.



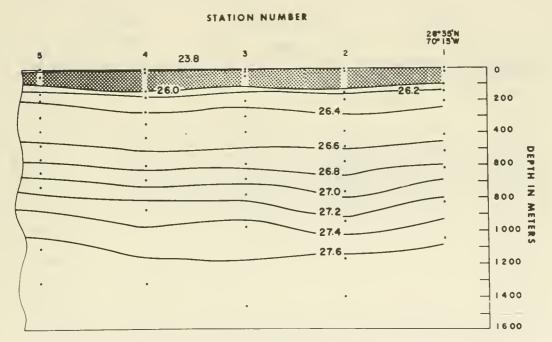


Figure 52.—Vertical section of sigma-t (g/10³ cm³). A7-2, CGC ANDROSCOGGIN, 26–28 June 1967, stations 1-16. (Area of intense pycnocline indicated by crosshatching).

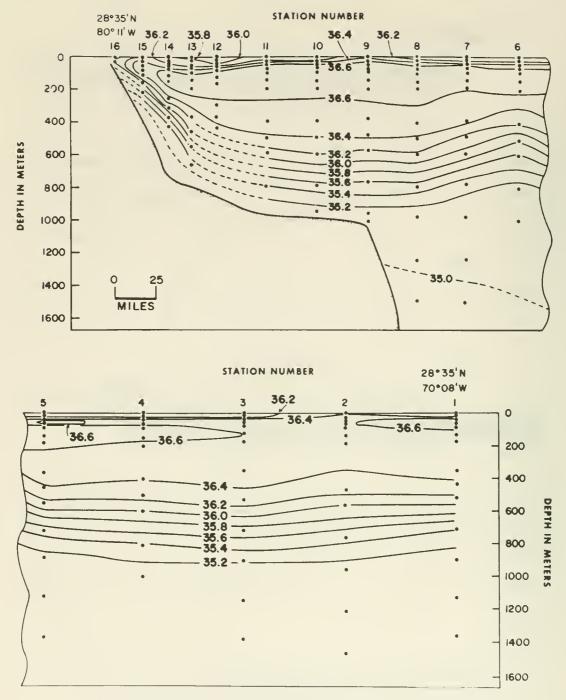


Figure 53.—Vertical section of salinity (%)00). A7-3, CGC SEBAGO, 24-26 June 1968, stations 1-16.

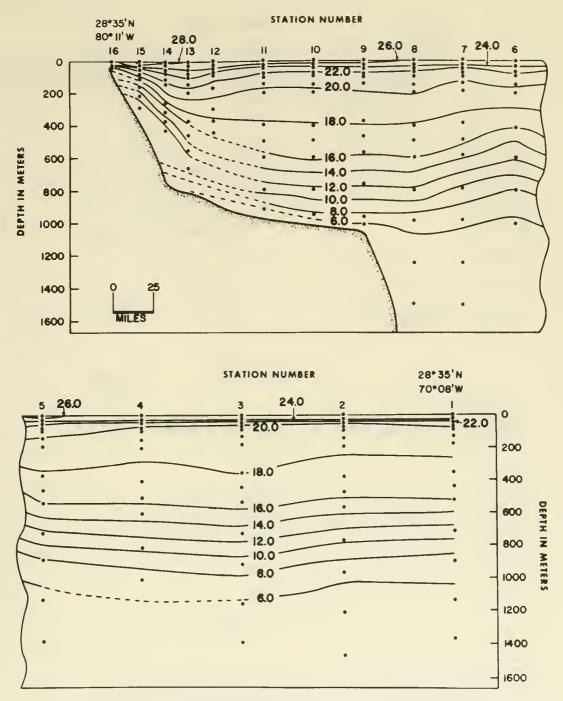


Figure 54.—Vertical section of temperature (°C). A7-3, CGC SEBAGO, 24–26 June 1968, stations 1-16.

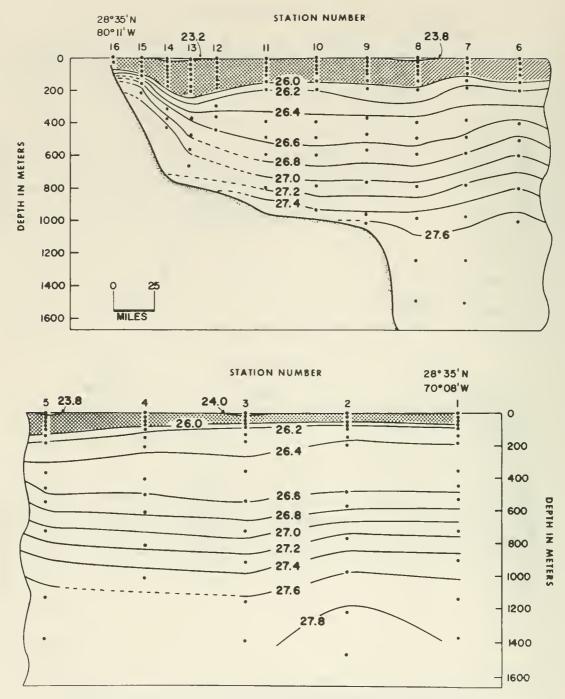


Figure 55.—Vertical section of sigma-t (g/10³ cm³). A7-3, CGC SEBAGO, 24–26 June 1968, stations 1-16. (Area of intense pycnocline indicated by crosshatching).

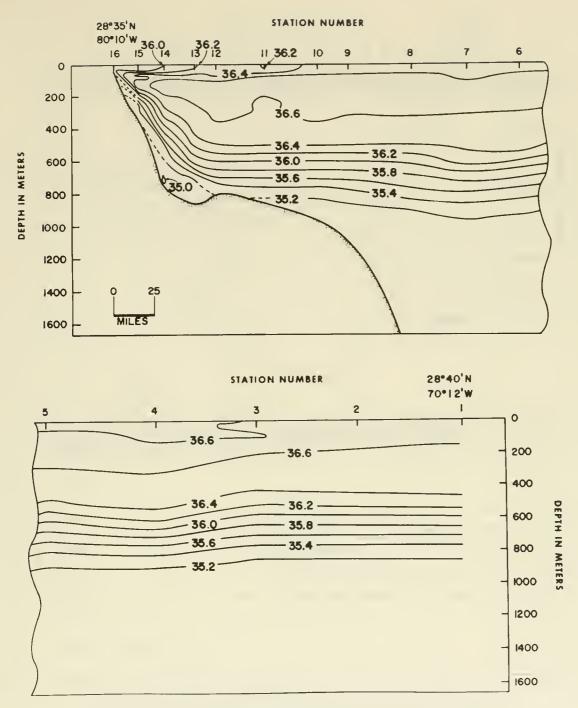


Figure 56.—Vertical section of salinity (%00). A7-4, CGC ANDROSCOGGIN, 9-11 December 1969, stations 1-16.

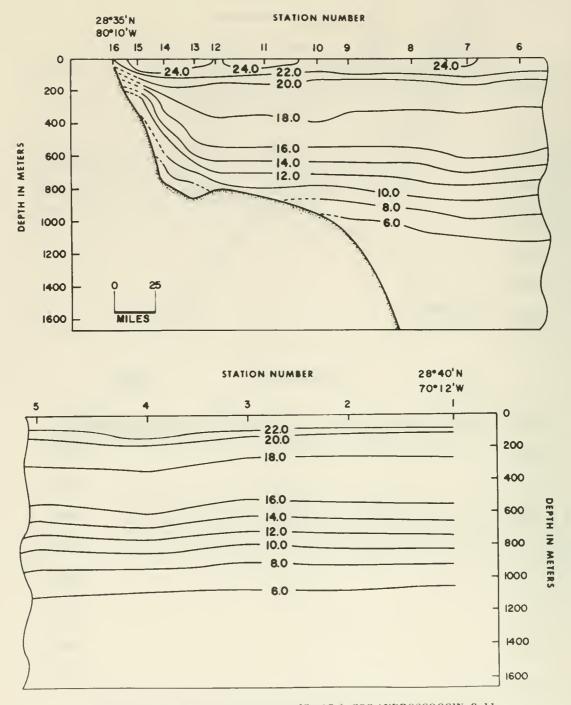


Figure 57.—Vertical section of temperature (°C). A7-4, CGC ANDROSCOGGIN, 9-11 December 1969, stations 1-16.

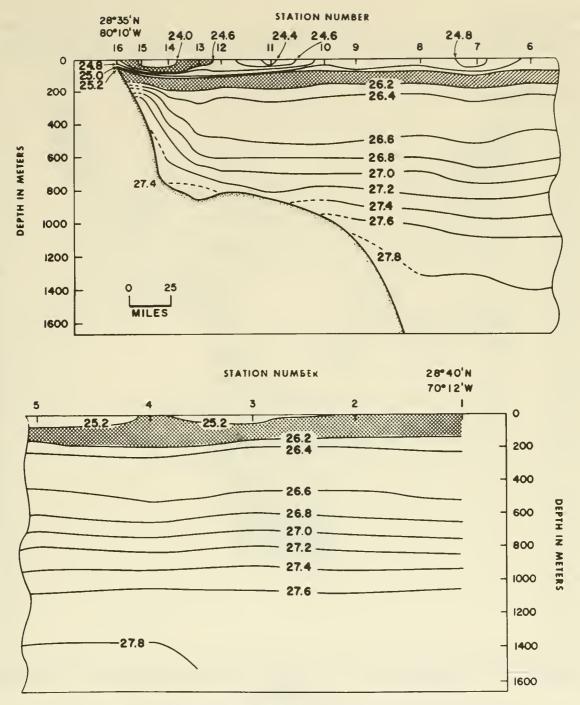


Figure 58.—Vertical section of sigma-t (g/10³ cm³). A7-4, CGC ANDROSCOGGIN, 9-11 December 1969, stations 1-16. (Area of intense pycnocline indicated by crosshatching).

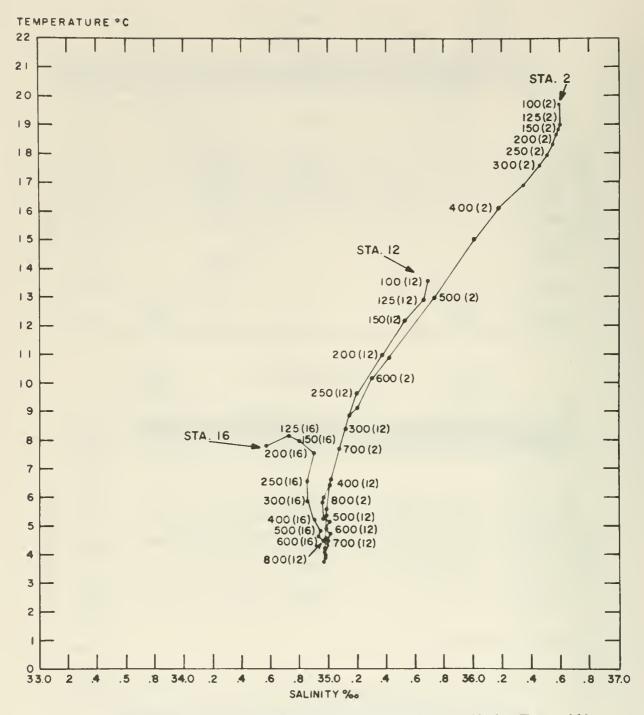


Figure 59.—Temperature-salinity diagram of stations 2 (North Atlantic Central Water), 12 (Slope Water) and 16 (Coastal Water) on standard section A5-3, November 1967. Data shallow than 100 meters not shown.

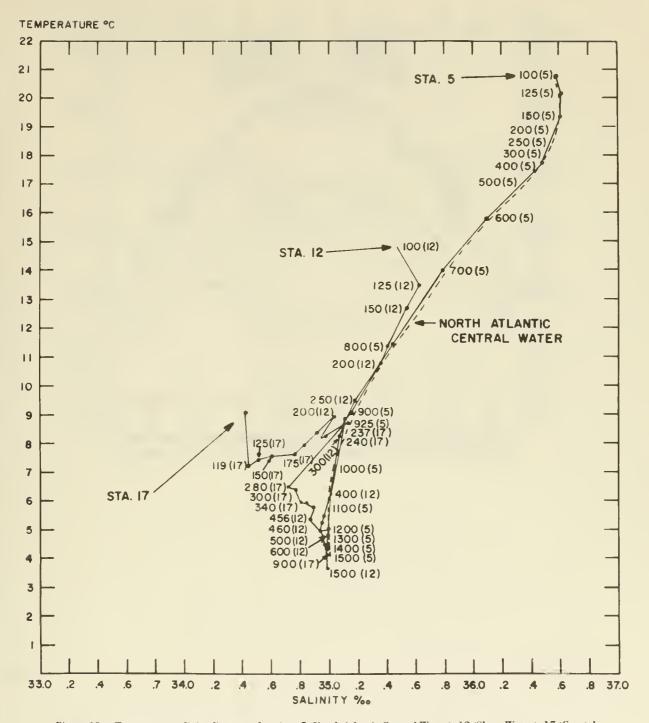


Figure 60.—Temperture-salinity diagram of stations 5 (North Atlantic Central Water), 12 (Slope Water), 17 (Coastal Water) on standard section A5-4, December 1967. Data shallower than 100 meters not known.

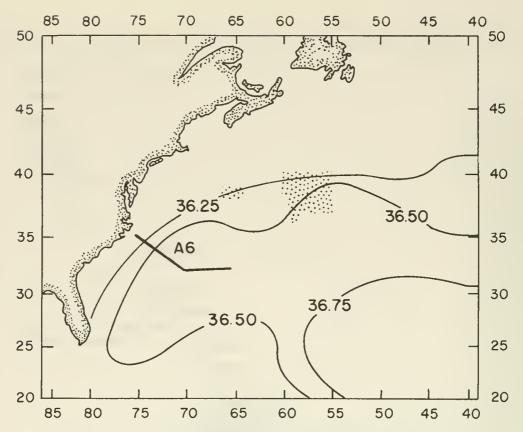


Figure 61.—Potential formation area for 18° C water during January, derived from mean January sea surface temperture and mean January, February and March sea surface salinity.

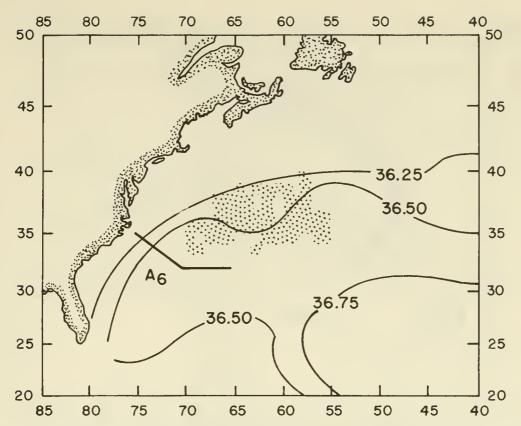


Figure 62.—Potential formation area for 18°C water during February derived from mean February sea surface temperature and mean January, February and March sea surface salinity.

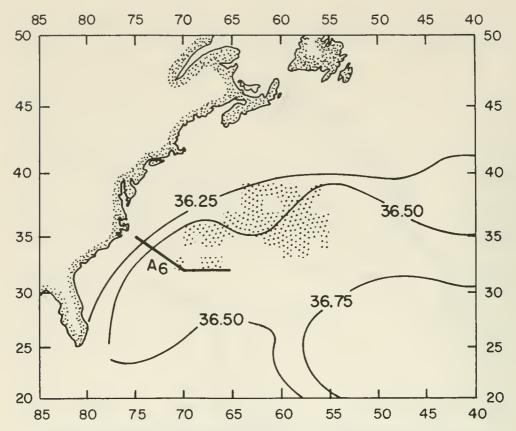


Figure 63.—Potential formation area for 18°C water during March, derived from mean March sea surface temperature and mean January, February and March sea surface salinity.

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.

REFERENCE	SNIP					RSDEN	STATION (GM	TIME		DRIGI	NATO	II'S	DEPTH	MAR. DEPTH		WAVE	WFA-				NODC	
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	134	4	085	0073		1533	33197						14		590							
			STO			1534	3324		26	001774	٠7	0178	14		587							
	134	•	085	0097		551	33641							729	556							
			STO)559	3369	26		001469		0219	14		549							
			STO			0610	3403	26		001274	. 7	0253	147		507							
	134	•	085	0145		627	34259					0300	147		492							
			510			621	3431	27		001088		0283			496							
	12.		STO			563	3464	27		000777	U	0329	147		539							
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Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	SHIP	LATITUO		ONGITUDE	# MAR	SDEN	STAT	ION T	IME		L	ORIGIN	ATOR	\$	DEPTI	H DEP		W	A VE	WEA-	Crong			YODC	
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Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

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	003	,	012	0020	0785 0785	3315 33148	2586 2586	0021400	004.		803								
	00:		085	0025	0794	33355	2601				810								
			510	0030	0836	3355	2611	0019214	0066		829								
			085	0030	0836 0855	33552 3360	2611 2611	0019168	0104		840								
			ST0 085	0050	0855	33600	2611				840								
			OBS	0060	0950	34038	2630	0015301	0147		883								
			STO	0075	0854	3411	2652 2652	0015396	014		851								
			OBS OBS	0075	0854 0663	33758	2651				775								
			510	0100	1126	3448	2634	0017168	0186	14	959								
			085	0100	1126	35300	26980			1.6	967								
			085	0120	1114	35172 3510	2690 2692	0011761	0224		953								
			S10 085	0125	1076	35100	2692			14	953								
			STO	0150	1018	3503	2696	0011351	025		935								
			085	0150	1018	35030 3486	2696 2715	0009625	030		935 870								
			S10 085	0200	0825 0825	34865	2715	0007023	030		870								
			STD	0250	0708	3476	2724	0008826	035		031								
			OBS	0250	0708	34758	2724				4831 4826								
			085	0280	0681 0753	34795 35100	2730 27440			1.	1020								
			08S STD		0735	3500	2739	0007485	039		4853								
			085	0300	0735	35000	2739				4853 4800								
			085	0350	0603	34890 34865	2748 2752				4794								
			0BS ST0	0375	0558 0557	3490	2755	0006012	046	0 14	4798								
			085	0400	0557	34898	2755				4798								
			085	0425	0559	34908	2755 2762	0005402	2 051		4803 4794								
			ST0	0500	0506 0506	3491 34912	2762	0005401	. 0-1		4794								
			STO		0494	3496	2767	000501	056		4806								
			085	0600	0494	34961	2767	000511	5 062		4806 4815								
			STO	0700	0477	3493 34934	2767 2767	0005116	002		4815								
			085 STC		0467	3494	2768	0005074	067		4828								
			OBS	0800	0467	34937	2768	000493	9 072		4828								
			STO		0449	3494 34939	2771	000493	9 012		4837								
			0BS ST(0900	0449	3493	2772	000493	4 077	0 1	4849)							
			085	1000	0437	34934	2772				4849								
			STO		0422	3493 34932	2773	000485	3 081		4859								
			085 ST(1100	0422	34932	2773	000486	5 086	8 1	4870)							
			085	1200	0408	34919	2773				4870								
			STO		0401	3492	2775	000483	0 091		4884								
			085 ST(1300	0401 0396	34924	2775 2774	000493	0 096		4898								
			065	1400	0396					1	4898	3							
			STO	1500	0391	3492	2776	000488	7 101		4913								
			085	1500	0391	34924	2776			1	491:								

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	1 1						1					_	ORIGIN			_		MAT.				-					1
	SHIP	LATITUDE	LO	NGITUOE	DC 78	SOL		STATIO	N TIMI ATJ		YEAR	CRUIS		STATIO		-	OEPIH	DEPTH	01	₩. ISERY	AVE	W EA-	COOES	1		NODE	
CODE NO.	1000	1/1		1/10		10*	130	MO I OA	Y HE I			NO.		NUMI			MOTTO	S'MPL"			र्ति परेश विक		PTFE AM			FUMBER	
	1- 1				1-1							1	1	_		\rightarrow		-		+			1				
318006	IEV I	40385N	106	441 W	1 1	151	WAT	01 18			967						297		02	, 2	2	X Z	7 8	1	- 1	0005	
							_	_	WIN	PE10	BAR	0	AIR FE		_	VIS	NQ. OBS.	SPE	CIAL								
							COLOR	18ANS. (HR.	DICI	13 M		QRY NULN	W E		008	QEPTHS	OBSERV	2 NOIT A								
											+			-	-	. 1	2.			-							
								10	4 5	10	18	6 (78	07	2 1	/	14			1					,		
	MESSENGE	CAST	CARO	DEPTH		١,	*c	5 */	- 1	SIGM		3 PT C IP	C YOLL	3 M1	₹ ∆	0.4	SOL	מאנ	Og mi.		PO 4-P	TOTAL-F	NO2-N	NO ₃ -N	SI O4-5		1
	HB 1/10		TYPE	J	J111		_	1 1	.	3107		ANOI	A A L T — Y	187	2 1	03	VELO	CITY	03	" 4	/g + 01/1	yg = 61/1	P9 - 01/1	yg = 01/1	μg = 01/1	pH	Č
				_													_										+
	1	1 1		000/		,		0.10	- 1	3/0		001	953	, 1	000	20	16			- 1							,
			STO	0000			844	3016		260		001	973	4	000) (15:										
	067		B5	0000			844	3615				001	959	,	00	1.0											
	0.0		510	0010			846	3616		260		001	,709	0	00.	17	15										
	06		85	0019			846	3616		260		001	964	^	00	20	15:										
	0.00		5TD 85	0020			846 846	3616		260 260		001	704	U	00.	37		196									
	061			003			840	3613		260		001	978	/.	005	. 0	15										
			STD	0050			810	3603		260			982		009		15										
			B5	0050			776	3599		261		001	902	*	00:	,0	15										
	067											001	000	0	01/												
	0/-		STD	0079			754 707	3600		261 262		001	880	7	014	40	151										
	067		B5	0391								001	670	,	010												
			STD	0100			675	3604		263		001	678	4	019	7.1	15:										
	267		BS	011			800	3604		265		0.01	. 0.	-	021	20											
			STD	0125			567 447	3599		266 267			486		023		150										
	0.17			0169		_	382	3573		268		001	229	0	020	00		72									
	067		85				382 282	3559		269		001	211	,	033	2.0	150										
			510 510	0250			149	3542		270			102		038		150										
			STD	0300			027	3528		271			003		044		149										
	067		BS	0318			986	3523		271		001	.003	4	0 - 4	4.1	149										
	06/		STO	0400			816	3509		273		000	818	0	053	2.2	149										
	067		85	10420			780	3506		273		000	1010	7	0	, ,	148										
	06		STO	0500			656	3501		275 275		000	659	4.	060	16	148										
			STD	0600			542	3497		276			1554		000		148										
	067		B5	062			522	3496		276		000		_			14										
	100		STO	0700			493	3496		276		000	1514	3	072	20	14										
			STO	080			461	3495		277			490		07		148										
	067		85	T082			454	3494		277								327									
	00,		510	0900			434	3494		277		000	473	0	08	1.8	148										
			510	1000			414	3494		277			463		086		14										
	067		BS	1032			409	3493		277		000	703	*	000	0 0		842									
	001		STD	1100			405	3494		277		000	1457	8	091	1.1	148										
			STD	1200			398	3495		277			454		095		14										
	067		85	T123			396	3494		277						,	148										
	001		STD	1300			392	3495		277		000	453	В	100	32	141										
			STD	1400			386	3499		277			1453		104		148										
			STD	1500			381	3495		277			453		109		149										
	067		BS	T152			379	3495		277		000					14										

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE					MARSOEN				1 -	ALC: NO.	ATOR'S	_		MAX					1				_
C187 10.	SHIP	LATITU	OE L	ONGITUOE	SOUASE WATSDEN	STATION TI		YEAR	CRUISE	5	TATION	-	CEPTH TO	OEPTI		A V R3 Z B C		THER	CLOUD			NODO	174
CODE NO.	CODE	•	1/10	1/10 3	10" 1"	MO DAY H	1,1/10		NO.	N	UMBER		801104	A STAIPL	'S DI	L HGT	TEP SEA	CODE	TYPE A N	1	1	NUMB	ER
318006	Ev	4015	5N 0	6412 W	151 04		16 1 IND	967	A52	006			4609 NO.	T -	3.	4 3 1	2	X 6	0 3		- 1	000)6
					COLOR	TEANS OIR	SPEED	METE	R C	DL B	WET	COD			ECIAL VATION	(5							
					DT	50 34	534	166	-	22	117	5	24	+		-							
	MESSENGE	CASI	CARO						SPICIFIC			∆ 0 N. M	1	UNG		PC	4-9	TOTAL-P	NO2-N	NO3~N	510.		İs
	TIME NR 1/10	MO.	TYPE	DEPTH (m)	2.1	5 %.	SIGM	A-T	AHOM	A 1 7 810	5,1	YH, М в 10 ³	VEL	OCITY	0.2 m		- 81/1	48 - 81/	18 - 8p	≥g - 61	10 - 0		H C
	4		STD	0000	1821	3591	259		0020	793	3 0	000	15	182									
	116	,	085	0000	1821	35909	259							182									
			STD	0010	1821	3591	259		0020	0846	5 01	020		183									
			085	0010	1821	35907	259							183									
			STO	0020	1821	3589	259		0020	980	0 0	041		185									
	003	i .	085	0020	1821	35894	259 259		00.21	040		0 6 2		185 187									
			STO	0030	1821	3589 35886	259		0021	1009	, 01	062		187									
			08S 5TD	0050	1821 1800	3572	258		0021	832	3 0	105		182									
			085	0050	1800	35722	258		302	. 0		-00		182									
			STD	0075	1740	3567	259		0020	925	5 0	159		168									
			085	0075	1740	35666	259							168									
			510	0100	1719	3564	259	8	0020	715	0	211	15	165									
			OBS	0100	1719	35639	259	8					15	165									
			STO	0125	1630	3550	260		0019	776	0	261		141									
			085	0125	1630	35503	260					_		141									
			STD	0150	1609	3569	262		0018	3044	0.	309		141									
			085	0150	1609	35688	262					301		141									
			510	0200	1440	3562	266		0015	1042	. 0	391		095 095									
			085 STD	020 0 0250	1440	35624 3548	266 268		0012	715		461		044									
			085	0250	1264	35481	268		0014		, 0-	-01		044									
			510	0300	1135	3530	269		0011	75.8	3 n'	522		005									
			085	0300	1135	35299	269		001.					005									
			510	0400	0936	3511	271		0009	958	3 0	630		947									
			085	0400	0936	35108	271	6					14	947									
			510	0500	0717	3490	273		0000	3282	2 0	722	14	878									
			085	0500	0717	34902	273	4					14	878									
			570	0600	0616	3496	275		0006	610	0	796	14	855									
			085	0600	0616	34958	275							855									
			STD	0700	0531	3494	276		0009	731	0	858		837									
			OBS	0700	0531	34942	276							837									
			STD	0800	0482	3496	276		0005	103	3 0'	912		834									
			085 5TD	0800 0900	0482	34959 3494	276		0005	104	. 0	963		834									
			085	0900	0472	34945	276		000.	104	. 0	702		847									
			510	1000	0448	3494	277		0005	5049	11	015		853									
			085	1000	0448	34937	277		000.			0 2 3		853									
			510	1100	0449	3496	277		0009	012	2 1	065		871									
			085	1100	0449	34958	277							871									
			STD	1200	0425	3492	277	2	0005	082	2 1	115	14	877									
			085	1200	0425	34919	277	2					14	877									
			STD	1300	0412	3493	277		0004	961	1	166		888									
			085	1300	0412	34926	277							888									
			STD	1400	0403	3492	277		0004	980) 1.	215		901									
			085	1400	0403	34920	277							901									
			STD	1500	0398	3492	277		0005	008	5 1.	265		916									
			085	1500	0398	34919	277	5					14	916									

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	SNIP	4 717 44 704	100	NGITUDE	Otus ?	MARSDE	7	STATIDI	TIME	TEA			ATDR'S		DLP11			WAVE SERVATIONS	WE	A- C	LDUD			NDDC	
CODE ND	CDDE	LATITUDE * 1716		1/10	203			MD DA1					AGIFATA ISEMUP		80770	W S,W bf		HGT PIE S	1		PIANT	ł		HUMBER	
-								01 18		-	7	A52 00	7		475	5	27	3 2	Х	1 (0 3			000	7
31- 06	IEV I3	9485N	1 06	355 W		1213	WAT		WINI	_	ARD-	AIR TE		7	ND.	7	ECIAL .]	, ,,	• ' '					.,
							LDR	TRANS. C	1乱	110	ETER	DRY	WET	VIS.		0.000	VATIONS								
						-	DE	Dark	- 11	act ,	lmha l	-	BULB	-	-	-									
	-					D	T	50 2	9 5	22 2	230	122	100	_	24				_						
	MESSEN IP	CAST C	ARD TPE	DEPTH (im1	1 0		5 %	.	SIGMA-1	T 5	PECIFIC VOLU	MT I	E A D		LOCITY	02 ml/	PO4=P 29 + 91/1	101AL		D2≈N - al/I	NO3-N	SID ₄ =5		1 2
	HR 1/10	10.	176						_		-		-	X 103	-			24	21.0	71 10	- 41/1	MB - 011/	pg - 417	1	-
					- 1				- 1						1			1			- 1			1	
			5 10	0000		208		3642		2564		002356	6 (0000		5260 5260									
	141	06	55 5 T D	0000		208		3642		2564		002355	0 0	023		5262									
		0.6		0010		208		3642		2565		00 2 2 2 2				5262									
			510	0020	0	208	2	3643		2565	-	002358	7 (047		5263									
	004	0.6		0020		208		3642		2565						5263									
			STD	3030		208		3642		2564	-	002365	2 (070		5265 5265									
		0.0	55 510	0030		208		3642		2578		002239	3 (116		5254									
		01		0050		203		3642		2578		006607	- (5254									
			STO	0075		202		3643		2579	4	002241	3 (172		5258									
		0.6		0075		202		3642		2579						5258									
			STD	0100		202		3643		2582	-	002227	8 (228		5260 5260									
		06	35 5 T D	0100		202		3643 3655		2582		002124	7 (283		5263									
		01		0125		201		3655		2593						5263									
			STD	0150		195	7	3656		2608		001991	0 0	334		5253									
			85	0150		195		3656		2608						5253									
			STO	0200		185		3651 3650		2630		001806	0 ()429		5233 5233									
		08	5 T O	0200		185		3649		2638		001746	5 (518		5230									
		01		0250		182		3649		2638						5230									
		5	STD	0300		179		3640		2638		001754	3 (605		5228									
			8.5	0300		179		3639		2638		001440		776		5228 5210									
		08	STD	0400		168		3621 3621		2651 2651		001668) (,,,,		5210									
			STD	0500		148		3572		2659		001609	5 (940		5159									
			85	0500		148		3571	9	2659						5159									
			STO	0600		117		3542		2698		001233	4	1083		5070									
			26	060		117		3542		2698		000984	7	193		5070 4987									
			5TD 95	070		090		3514 3514		2724		000984		1473		4987									
			510	080		069		3496		2742		000800	3	283		4921									
			85	080		069		3496	5	2742						4921									
			STD	090		055		3493		2757		000642	7	1355		4881									
			85	0900		055		3492		2757		000578	, .	1416		4881 4876									
			5T0 85	100		050		3493		2764		000576	1	1-10		4876									
			5 T D	110		048		3494		2767		000555	2	1473		4883									
			85	110		048		3493	9	2767						4883									
			STD	120		043		3490		2770		000528	4	1527		4879									
			85	120		043		3490		2770		000516	6	1579		4879 4890									
			5T0 85	130		041		3491		2772		000516	,	2015		4890									
			STD	140		041		3490		2772		000523	16	1631		4905									
			85	140	0	041		3490		2772						4905									
			510	150		040		3491		2773		000518	6	1683		4919									
		0	85	150	0	040	6	3490	19	2773					1	4919									

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

											,					MAX							7
CINT ID.	SHIP	LATITU	30	FONCIANOE P	MAR	ARE	ST	IGMT	ME	YEAR	L	ORGINA 12 ISLU	TATION	_	OEPTH TO	DEPT		WAVE ERVATIONS	WEA-	CLOVO		STATION	
CODE NO.	COOL	•	1/10	1/10	10*	110	MO	OAY H	R,1/10		P	10. N	UMBER		BOTTON	S'AN PL	'S DIR	HGT PER SEA	CODE	TYPE A MIT		NUMBER	
318006	EV	3924	5N (063395W	115	93	01	18 2	03	1967	A	52 008	3		4846		31	3 2	x1	0 3		0008	ı
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						w	ATER	\rightarrow	DNIN	BAR		AIR TEN		VIS	NO. OBS.	9.2	ECIAL						
						COLO	R TRAP	DIR	SPEID OF FOICE			ORY BULB	BULB	CODI	OEPTHS	DRSER	2 MOIT A V						
						OT	50	30	525	25	4	117	083	7	27								
	Messange	T	CARC						T		,,,	CILIC AOFA1	41 8	A D	50	UND		FO ₄ =P	TOTAL-P	NO2-N	NO3-N 5	104-5	5
	MESSENGE FIME HR 1/10	NO.	TTPE		1	ς.		s ·/	2101	MA-T	A	NOMALT-41	, 0	7N, M X 10 ³	· VEL	OCITY	Q 2 ml/l	μg = 81/1	M8 = 01/1	ug - al/1		vg - a1/1 PH	c
	17 19	1			+-		\top				Г												
	1	'	510	0000	1	997	36	43	25	88	01	021346	ं०	000	15	237		, ,		,			
	203		085	0000		997		427	25							237							
			STO			998		424	25		0	021428	3 0	021		239							
			0B5	0010		998		424	25		01	021465	0	042		241							
	003		0B5	0020		998	-	424	25				-			241							
			510			998		42	25		0	021502	2 0	064		242							
			OB5	0030		99B		424	25		0	021603		107		242							
			5TI	0050		999		424	25		U	021003	, 0	207		246							
			5 T (999		42	25		0	021695	0	161		250							
			0 B 5	0075		999	-	424	25							250							
			511			999		43	25		01	021769	0	215		254							
			OB5	0100 0 0125		999		426	25 25		01	021906	. 0	270		254 258							
			OBS	0125		999		420	25							258							
			STI	0 0150		999		42	25		01	021988	3 0	325		262							
			OBS	0150		999		421	25			0.000	, ,	429		262							
			S10	0 0200		934 934		554	26 26		U	01969	, 0	727		254							
			571			862		49	26		0	018439	5 0	524		242							
			085	0250		862	36	6492	26	28					15	242							
			5.TI			826	-	48	26		0	017793	3 0	615		239							
			OB5	0300		826 759		6483 636	26 26		0	017424		791		239							
			0B5	0400		759		360	26			01142				235							
			51		1	697	36	24	26	49	0	017173	3 0	964	15	232							
			OBS	0500		697		239	26							232							
			5T			388 388		666 6661	26 26		0	014833	5 1	124		145							
			511			094		524	26		0	012363	3 1	260		056							
			OB 5	0700	1	094	3 5	5243	26	99					15	056							
			ST			821		501		27	0	00958	9 1	370		969							
			0B5			821 625		95	27		٥	00719	7 1	454		969							
			5TI	0900		625		952	27		0	00119	. 1	-)4		909							
			51			552		95	27		0	00631	1 1	521		896							
			085	1000		552		952	27							896							
			OB5	1050		480		879	27							874							
			OB5	1080 0 1100		493 471		4914 489	27		0	005786	5 1	582		879							
			OB5	1100		471		891	27		•	007.00				879							
			085	1160		455		869	27							882							
			ST			476		95	27		0	005543	3 1	638		898							
			0B5			476 455		948	27		0	005436	. 1	693		906							
			0B5	1300		455 455		938	27		U	005436	, 1	073		906							
			5 T			449		94		70	0	005466	5 1	748		920							
			OBS			449		4937	27							920							
			5 T			433		493		72	0	005399	5 1	802		930							
			OB5	1500	U	433	3,	931	27	12					14	930							

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

PEFERENCE					1-1	MAR	SDEN	STATION	TIME	1	_	DRIG	INAT	01'5	_	DEPTI	, MA			WAVE	WIA:	CLDUD	_			
CODE NO.	CODE	LATITU		LONGITUDE	Deuft	squ	ARE	(GM	TI .	YEAR	t c	#UISE	STA	TION	_	10	0	F		ERVATIONS	THER	CDDES			HODE TATION MUNER	
1			1/10	1/1	-	10°	1.		HR,1/1		+	ND.		MBER	-+		5 M I	PL 'S		HGT PER SEA	-	719] A 447				
318006	IEV I	3859	N.	063245W		115	B3	01 118	233				09 TEMP	°C		4938		_	33	3 2	X 2	0 3		1	0009	
							COLOR	TRANS! OU	1 5 00	10 M	ARO- STER	DSA		WET	VIS.	NO. DBS. DEPTH	3280	RVA	TIDNS							
							CDDE	LM.	FD	ACE I	misi	BULG	\rightarrow	IULI		-	1									
		1					OT	50 32	51	5 2	81	111			6	28		-	1	1 1	1					\neg
	MESSENGR TIME	CAST ND.	CAR	D DEPTH	(m)	T	℃	\$ */	s	IGMA-1	3	AHOMALT-	LUMI -1187	DY	△ D N. M.	. SI	LOCITY	1	D3 m1/1	FO ₂ =7 22 = 81/1	101A L=F == a1/1		ND3=N ug - ai/l	51 C 4-5	βН	i c
	H# 1/10	-	_			1		+	+	-	+			1	- 10-	+		+		-						+
	1	1	5 T	0 000	٥	21	050	3636	' 2	568	1	00231	8.5	0.0	00	111	5251	-			j				1	11
	233		085	000	0		050	36359	2	568						15	5251									
			ST				049	3636		569	(00Z31	78	0.0	23		5252									
			0BS				049	36361 3639		569 571	(00229	79	0.0	46		5252 5254									
	004		085				049	36394	2	571						1:	5254									
			51				017	3640		580	(00221	46	0.0	68		5247									
			085 ST				017 983	36402		580 589		00213	48	01	12		5247 5241									
			OBS				983	36403	2	589							5241									
			51				983	3641		590	(00214	22	01	65		5245									
			085 51				983 983	36406		590 590		00214	95	0.2	19		5245 5250									
			085				983	36409		590							5250									
			ST				983	3643		592	(00214	15	0.2	73		5254									
			085 5T				983 976	36432 3655		592 602	(00204	83	0.3	25		52 54 5258									
			085			14	976	36549		602	,	00201	0,5	-	-		5258									
			5 T				911	3655		619	(00190	40	04	24		5248									
			0B5				911 830	36550 3650		619	-	00175	67	0.5	15		5248 5233									
			085				830	36504		637	,	001.5					5233									
			51				807	3648		641	(00173	43	06	03		5234									
			085				807 721	36483 3633		641 650	,	00167	45	0.7	73		5234 5223									
			085				721	36330		650	,	0010.	7,		,,		5223									
			ST				536	3591		661	(00159	34	09	36		5178									
			085				536 233	35906 3547		661 691		00130	95	1.0	82		5178 5090									
			OBS				233	35472		691	,	00100	0,				5090									
			ST	0 070	0		948	3506		711	(00111	27	14	03		5001									
			085				948 743	35059		711 729		00092	5.0	1.3	04		5001 4937									
			51 085				743	34889		729	(00092	,0	13	04		937									
			085	083	0	0	577	34749	2	740						14	875									
			085				611	34809		741							4893									
			085 51				559 599	34799 3491		747 750		00071	62	13	87		4875 4898									
			085	090	0	0	599	34907	2	750				-		14	489€									
			085				515	34878		758							4877									
			51 085				539 539	3496 34956		762 762	(00061	03	14	53		891 891									
			51				494	3490	2	763	(00059	95	15	13		886									
			085				494	34904		763		0005		, .	10		888									
			5T 085				465 465	3495 34946		769 769	(00054	0 /	15	70		+894 +894									
			5.1			0	449	3495	2	771	(00052	95	16	24	14	904									
			085				449	34947		771		20062	2.		7.		904									
			51 085				432 432	3494		772 772	(00052	34	10	76		913									
			51				422	3494		774	(00051	89	17	29		926									
			085	150	0	0.	422	34936	2	774						14	926									

Table 1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

		_														T MAR.					1		
NET ES		SHIP	LATITE	ins.	LDN	GITUDE	1 ×	SOUARE	STATION T	IME	YEAB	CHUISE	SINATO		DEPTH	DEPTH		WAVE ERVATIONS	WEA	CODES		12	NOOC
CODE	NO.	CODE		1/10		1/10	중무니	10' 1'	MO DAY	8.1/10		NO.	SYAT	ABER	BOTTOM	S'MPL'		HGT PER S	0000				UMBER
-		=										A52 0			25.4			4 2	X.2	0 3			0010
318	006	IEV	1 3856	N	062	58 W I	11	15 82		135 T	1967	8.10	10 TEMP	+ 1	3564	 	32	4 2	1 12	1 015		1 '	0010
								COLOR	1	SPEED	MET	0.			NO. 085.	SPE	CIAL						
								1000	JEAN C OIL	TORCE	(mb		10	UL1	DEPTHS	OBSERV	7 110/43						
								OT	50 31	530	31	8 117	0	83 7	21								
				T	—т		-		T	T	1			₹ △ t	1	-		T					
		TIME	CAST NO.	CA		DEPTH G	n1	T 10	5 %.	SIGA	4A-1	SMCIFIC VI	-BIB'	OYN, A	A	DCITY	O2 ml/l	PO4-P	101AL-P µp - 01/1	NO2-N	NO3-N	\$1 O4-\$1 pg = at/1	pH
		HR 1/1	0	-			\rightarrow			-				x 10 ³	-					17 1	P# - P///	7.	
							- 1					١		1	1.	_				ŀ			l
					TO	0000		2229	3635	25		00279	29	0000		297							
		03	7	08		0000		2229	36354	25						297							
					TO	0010		2229	3635	25		00279	68	0027		299							
				OB		0010		2229	36354	25		00 200	2.6	0066		299							
		0.0	2	0 B	10	0020		2230	3635 36354	251		00280	34	0055		301 301							
		00	3		5 TD	0030		2230	3635	251		00280	73	0084		303							
				08:		0030		2230	36354	251		00200	, ,	0004		303							
					3 TO	0050		2230	3638	252		00279	69	0140		306							
				OB		0050		2230	36379	252		00217		0 2 10		306							
					TO	0075		2202	3648	253		00265	96	0208		304							
				08		00 75		2202	36479	25			-			304							
					TO	0100		2010	3636	25		00225	03	0269	15	256							
				OB:		0100		2010	36364	25	79				15.	256							
				5	TO	0125		1930	3652	261	12	00194	80	0322	15	240							
				OB:	5	0125		1930	36516	26	12				15	240							
				S	TO.	0150		1959	. 3651	260) 4	00203	0.8	0371	15	252							
				OB:	S	0150		1959	36514	260						252							
					TO	0200		1842	3649	263		00177	57	0467		228							
				08		0200		1842	36494	263						228							
					TO	0250		1813	3648	263		00173	44	0554		227							
				08		0250		1813	36478	263				06.0		227							
					TO	0300		1756	3640	264		00167	22	0640		218							
				OB		0300		1756	36396 3611	264		00158	0.7	0803		218 188							
					TO	0400		1613		26!		00156	0 /	0003		188							
				0 B	5 TO	0400		1613	36106 3560	268		00136	16	0950		104							
				08		0500		1319	35597	261		00136	10	0,700		104							
					TO	0600		0999	3496	269		00125	24	1081		001							
				OB:		0600		0999	34959	269		00123	- *	2001		001							
					T0	0700		0631	3495	279		00069	88	1179		878							
				08:		0700		0631	34954	279		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				878							
					TO	0800		0542	3484	27		00067	28	1247		857							
				08		0800		0542	34844	275					14	857							
				S	TO	0900		0515	3489	279	59	00061	18	1311	14	863							
				08		0900		0515	34894	27!	59					863							
				S	TO	1000		0499	3494	276	55	00056	56	1370	14	874							
				OB		1000		0499	34944	276						874							
					TO	1100		0463	3493	276		00053	67	1425		876							
				OB		1100		0463	34934	276						876							
					TO	1200		0449	3494	27		00052	47	1478		887							
				OB	5	1200		0449	34939	27	71				14	887							

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	SHIP	LATITU	ID4	LDNG	TUDE	E C	MARS	OEN	STAT	IDN T	IME	YEAR		ORIGIN			DEPTH TD	MAE.	001	WAVE SERVATIONS	W EA-				NODC
CODE NO.	COOE	· DATITO	1/10	, LDMGI	1/10	P DG	10°		MD T		(5.1/10	IEAR	CRUI	15 E S	HOITAT		EOTTOM	S'MPL'		THOT MAIL SH	0000		1	;	REEMUN
										\neg			1					, , ,	29	3 2		0 3		-	0011
318006	IEA	3811	N I	0623	31 W F	- 13	115,	B2 I	21 1		067	1967		2 01		1	4992		1 29	13 [2]	X6	013	1	l l	0011
							ŀ	$\overline{}$	TRANS.		SPEED	BAR M.ET		DRY	WET.	VIS.	NO. OBS.		CIAL						
								CDDf	LM1	DIR	FORCE	(mb		BULB	BULT	1	DEPTHS	Destar	A IIDN 3						
							Ì	DT	50	32	512	32	В	106	083	6	24								
	Lutrium.									_	1	1	_			-	T				1	T			1
	TIME	CAST NO.	CAR	D	DEPTH 6	n)	T	°C	5	٠/	SIGA	7-A-1	SPEC	IFIC VOLU	ME DY	△ D (N. M. (10 ³	SDU VELC	CITY	C 2 m1/l	PD4=P	TOTAL-P	ND2-N 98 - s1/I	NO3=N vg - st/l	\$10 a-\$	
	HR 1/1	•	-	-					-		1		-			10'	-			-	-		70.00	7.0	-
						1					1		١				1	!		1			1	ŧ	1
			ST		0000			257	363		25		00	2865	5 00	000	153								
	06	7	085		0000			257	363		25			2010		220	153								
			5T		0010			257	363		25		00	2869	4 00	028	153								
			085 51		0010			257 258	363		25		٥٥	2876	0 00	057	153								
	00	/.	085		0020			258	363		25		00	2010	0 00	,,,	153								
	00	-	5 T		0030			259	363		25		00	2882	7 00	086	153								
			085		0030			259	363		25						153								
			ST		0050			259	363		25		00	2890	5 01	143	153								
			085		0050			259	363		25						153								
			51		0075			259	363		25		00	2896	6 04	216	153								
			085		0075			259	363		25						153								
			5 T		0100			259	363		25		00	2906	4 04	288	153								
			085		0100			259 259	363		25		00	2879	0 0	361	153								
			\$T 085		0125			259	364	_	25		00	2019	0 0.	01	153								
			5 T		0150			230	364		25		0.0	2793	1 04	+32	153								
			085		0150			230	364		25		00	2			153								
			5 T		0200			081	365		25		0.0	2350	3 05	560	152								
			085		0200			081	365	529	25	73					152	294							
			51	D	0250		19	980	365	53	261	00	00	2108	3 00	672	152	275							
			085		0250		19	980	365	31	261	00					152	275							
			5 T	D	0300		16	337	363		26		00	1881	6 0	771	152								
			085		0300			337	363		26						152								
			5 T		0400			738	363		264		00	1718	6 09	951	152								
			085		0400			738	363		26		0.0	1597		117	152								
			ST 085		0500			570 570	360		26		00	1291	9 1.	TI	151								
			51		0600			280	354		26		0.0	1410	3 12	268	151								
			085		0600			280	354		26		00	1-10	. 10	- 00		106							
			5.7		0700			978	351		27		00	1116	0 1	394	150								
			085		0700			978	351		27						150								
			51		0800			743	350		27		00	0844	0 1	492	149								
			085		0800			743	349	99	27						149	939							
			ST	D	0900		05	583	349		27	56	00	0663	2 1	567	148								
			085		0900			583	349		27						148								
			5.1		1000			529	349		27		0.0	0591	2 10	530	148								
			085		1000			529	349		27		0.0	05/7			148								
			51		1100			495	349		27		0.0	10567	9 10	688	146								
			085		1100			495 458	349		27		0.0	0536	9 1	743	140								
			5 T 0 8 S		1200			458		939	27		00	0,00	, 1	. 4)	148								
			51		1300			441	349		27		0.0	0527	9 1	796	149								
			085		1300			441		934	27					,,,		900							
			5 T		1400			423	349		27		0.0	0514	3 1	849	149								
			085		1400			423	349		27						149								
			5.7		1500			12	349		27		00	0512	8 19	900	149	922							
			085	,	1500		04	412	349	929	27	74					149	922							

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE MARSDEM STATE	TION TIME DRIGINATOR'S	DEFTH MAIL WAVE WEA CLOUD NODC
CTAY ID. CODE LATITUDE LONGITUDE SOLVARE	IGMES YEAR CRUISE STATION	DEPTH MAX. WAVE WEA. CLOUD NODC
1/10 1/10 10° 1° MO	DAY HR.1710 NO. NO.	975 29 3 2 X2 0 3 0012
318006 EV 3742 N 062215W 1115 72 01	WIND AIR TEMP. TO	110
COLOR TEAMS.	S. DIR SPEED METER DRY WET COOK	OBS. DEPTHS OBSERVATIONS
OT SO		24
	122 222 22	
I & NO. TABE	S */. SIGMA-1 SHCIFIC VOLUME SAD DYN. M	SOUND PO4=P TOTAL=P NO3=N NO3=N SIO4=St OH
HR 1/10		
STD 0000 2246 36	38 2515 0028210 0000	15302
	379 2515	15302
STD 0010 2245 36		15303 15303
085 0010 2245 36 STO 0020 2246 36		15305
	379 2515	15305
STD 0030 2247 36		15307
	379 2515 38 2515 0028487 0141	15307 15311
STD 0050 2249 36 08S 0050 2249 36	38 2515 0028487 0141 379 2515	15311
STO 0075 2248 36		15315
	379 2515	15315
STD 0100 2249 36		15319
	379 2515 60 2544 0026002 0352	15319 15315
	599 2544	15315
STO 0150 2141 36		15302
08\$ 0150 2141 36	569 2559	15302
\$10 0200 2061 360		15290
	619 2585 54 2616 0019520 0638	15290 15258
	539 2616	15258
510 0300 1868 36		15251
OBS 0300 1868 36	494 2626	15251
STO 0400 1804 36		15249 15249
085 0400 1804 36 STO 0500 1740 36	9434 2638 932 2645 0017600 1095	15245
	319 2645	15245
STO 0600 1640 36		15229
	109 2652	15229
	77 2671 0015468 1431 769 2671	15180 15180
	36 2689 0013755 1>77	15111
	359 2689	15111
STO 0900 0956 35	508 2711 0011480 1703	15037
	0084 2711 •97 2735 0009037 1806	15037 14973
0.11	97 2735 0009037 1806 969 2735	14973
	92 2754 0007015 1886	14923
	924 2754	14923
STO 1200 0522 34	93 2761 0006307 1953	14917
	929 2761 93 2765 0005962 2014	14917 14920
310 1200 -107 -	93 2765 0005962 2014 929 2765	14920
	94 2769 0005604 2072	14924
	937 2769	14924
STO 1500 0449 34	94 2771 0005548 2128	14937
085 1500 0449 34	939 2771	14937

Table 1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC fisting number 31-8006.—Continued

	REFERENCE	SHIP	LATITUE	25	ONCHUOL	= M	HISOEN	STATION TI	ME	VI A 8					DIFTH		0.00	WAVE ERVATIONS	WEA-	CLOUD		1	NOOC	
1800	C787 IO.	COOE	·	1	1/10	5 N				TEAR					MOTTON	S'MPL	1		10001			2	UMBER	
The color of the	310006	EV	2717						-	067	A 5 2 O	1.3		-	5120		-		-				0013	
	1 318000	LEA I	2111	NIIU	DZUZ WI	111				T	A 18 T		₹					0 2 1	1 10	1 013		- 1	0013	
The color California Cali							COLOR	TRANS. OIR.	SPEED	METE	R ORY		WET C	000	085.	OBSER	VATIONS							
								(m)			-	+		_										
STO			,				OT	50 05	520	36	2 117	1	00	7	29			, ,				,		
STO		MESSINGE	CAST	CARO	OEPTN Le	n	т ′с	5 %.	SIGM	A-T	SPECIFIC VOI	IMU	₹ A	D.			0 2 ml/l						a H	S
135		HR 1/10	1 10.										X	103	VILO	70117		µg - 01/1	μg - e1/l	yg - 01/1	μg - σ1/1	νg = α1/1		C
135										- 1			1		1									11
STO 0010 1942 3648 2606 0019606 0019 15224											00195	70	000	00										
OBS		195									00196	3.6	0.0	19										
002																								
STO											00196	43	00	39										
085 0030		002									00106	6.2	00	5.Ω										
STO											00196	2 2	00	30										
OBS											00197	25	00	98										
OBS				085	0050																			
STD 0100 1941 3648 2607 01996 0197 15239											00198	16	01	47										
STO											00199	26	010	9.7										
STO 0125 1941 3648 2607 001997 0247 15243 15243 15243 15243 15244 15											301771		0.1	,										
STO 0150 1941 3648 2607 020087 0271 15247 15247 15247 15247 1570 0200 1891 3651 2621 0018663 0394 15242 1570 0250 1833 3648 2634 017829 0486 15233 15242 1570 0300 1818 3646 2634 017829 0486 15233 15233 1533											00199	97	024	47										
STO 0200 1891 36683 2607 15242 15243 15233 15033 1648 2634 15233 15233 15033 1648 2634 15233 15233 15233 15033 1648 2634 15233														_										
STD 0200 1891 3651 2621 018863 0394 15242											00200	8 7	029	97										
OBS O200											001886	63	039	94										
OBS											00100	•												
STO 0300 1818 36460 2636 0017771 0575 15237 15237 15237 15237 15237 15237 15237 15236					0250						00178	29	04	86										
OBS													ΛΕ.											
STD											00177	/ 1	05	()										
OBS											00173	63	075	51										
OBS				OBS	0400																			
STO 0600 1569 35989 2660 0016365 1092 15206											00173	12	09,	24										
08S 0600 1569 35989 2660 15206 15206											00163	65	104	22										
OBS											00103	,	10.	-										
STO 0800											00149	38	124	+9										
OBS																								
STO 0900 0882 3503 2719 0010616 1506 15009 1											00129	01	131	88										
OBS									271	9	00106	16	150)6										
OBS				OBS	0900		0882	35030	271	9					150	009								
STO 1100 0558 3492 2756 0006768 1678 14914											00085	2.8	160) 1										
OBS IT00 0558 34918 2756 14914 ST0 1200 0502 3493 2764 0006049 1742 14908 OBS 1200 0502 34927 2764 0006049 1742 14908 STD 1300 0476 3493 2767 0005791 1801 14915 STO 1400 0454 34932 2769 0005605 1856 14922 OBS 1400 0454 34927 2769 14922 STO 1500 0438 34937 2771 0005483 1914 14932 OBS 1500 0438 34927 2771 0005483 1914 14932 OBS 1500 0438 34927 2771 0005483 1914 14932 149 085 1500 0493 34968 2778 0004966 2044 14960 608 STO 2000 0387 3497											000674	5.8	16	7.8										
STO 1200 0502 3493 2764 0006049 1742 14908 14908 12908 1200 0502 34927 2764 14908 14908 14908 1200 0476 3493 2767 0005791 1801 14915																								
STD				STO	1200		0502	3493	276	4	000604	49	174	+2	149	809								
085 1300 0476 34928 2767 5TO 1400 0454 34932 7659 0005605 1858 14922 085 1400 0454 34937 2769 14922 5TO 1500 0438 3493 2771 0005483 1914 14932 085 1500 0438 3493 2771 10005483 1914 14932 149 085 1740 0403 34963 2778 5TO 1750 0402 3496 2778 000496 2044 14960 608 5TO 1750 0402 3496 2778 000496 2044 14960 608 5TO 2000 0387 3497 2780 0004921 2168 14996 615 149 085 2316 0366 34972 2782 5TO 2500 0353 3497 2783 0004829 2412 15067 615 149 085 2875 0326 34961 2785 5TO 3000 0315 3496 2786 0004701 2650 15137 614 149 085 3471 0278 34937 2788 5TO 4000 0243 3491 2788 0004398 3105 15281 617											00063	2.1	1.04	. 1										
STO 1400 0454 3493 2769 0005605 1856 14922 14922 14922 14922 14922 14922 14922 14922 14922 14932 1											000579	71	190	1										
085											000560	05	189	6										
085 1500 0438 34928 2771 14932 14932 1494				OBS	1400		0454	34927	276	9					149	22								
149 085 17740 0403 34963 2778 14959 608 5T0 1750 0402 3496 2778 0004966 2044 14960 608 5T0 2000 0387 3497 2780 0004961 2168 14996 615 149 085 2316 0366 34972 2782 15041 618 5T0 2500 0353 3497 2783 0004829 2412 15067 615 149 085 2875 0326 34961 2785 15120 612 5T0 3000 0315 3496 2786 0004701 2650 15137 614 149 085 3471 0278 34937 2788 15203 619 5T0 4000 0243 3491 2789 0004398 3105 15281 617											000548	3 3	19	4										
STO 1750		140															608							
STO 2000 0387 3497 2780 0004921 2168 14996 615 149 085 2316 0366 34972 2782 15041 618 STO 2500 0353 3497 2783 0004829 2412 15067 615 149 085 2875 0326 34961 2785 15120 612 STO 3000 0315 3496 2786 0004701 2650 15137 614 149 085 3471 0278 34937 2788 15203 619 STO 4000 0243 3491 2789 0004398 3105 15281 617		149									000496	56	204	44										
510 2500 0353 3497 2783 0004829 2412 15067 615 149 085 2875 0326 34961 2785 15120 612 510 3000 0315 3496 2786 0004701 2650 15137 614 149 085 3471 0278 34937 2788 15203 619 510 4000 0243 3491 2789 0004398 3105 15281 617					2000			3497							149	96	615							
149 0BS 2875 0326 34961 2785 15120 612 STO 3000 0315 3496 2786 0004701 2650 15137 614 149 0BS 3471 0278 34937 2788 15203 619 STO 4000 0243 3491 2789 0004398 3105 15281 617		149																						
5TO 3000 0315 3496 2786 0004701 2650 15137 614 149 085 3471 0278 34937 2788 15203 619 5TO 4000 0243 3491 2789 0004398 3105 15281 617		160									000482	29	24	12										
149 085 3471 0278 34937 2788 15203 619 5TD 4000 0243 3491 2789 0004398 3105 15281 617		149									000470	0.1	269	50										
5TD 4000 0243 3491 2789 0004398 3105 15281 617		149		085	3471			34937							152	203	619							
149 OBS T4049 0240 34911 2789 15288 616				STO			0243		278	9	000439	98	310) 5			617							
		149		085	T4049		0240	34911	278	9					152	88	616							

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE									,														
CTAY ID.	SHIP	LATITU	DE LO	NGITUDE ENDON	MARSDEN	STATION TI	W.E	YEAR	CRUISE	HIGINA	TATION	_	OEP7 TO	⁷⁸ 0	MAX EPTH	OB.	WAVE SERVATIONS	WEA- THER	Crons			NOGC	
CODE NO.	COUL	<u> </u>	1/10	1/10 ° X	10" 1"	MO DAY H	R.1/10		NO.		UMBER		BOTTO	011	OF MPL'S	DH	HIGH PER ST		TITE ANT			NUMBER	
318006	Ev	3654	N 06	144 W	115 61	01 19 1	92 1	1967	A52	014			499	2		33	5 2	Х 6	0 3		+	0014	
					WA		INO	BARO	-	IR YEAR		T	T NO.		SPEC		- -	1 / 0	0 13			0014	
					COLOR	TRANS. DER.	SPEED OF FORCE	METE	R 0	RY	WET	CDDI	DEPTH			ATIONS							
								(mbs		-		-		_									
1					10	50 06	519	335	5 11	1	100	7	28										
	MESSENGE	CAST NO.	CARD	OEPTH Imi	7 °C	s */	SIGM	T-AP	SPECIFIC		A1 2	△ °	S	SOUND		0 p m1/1	PO 4=P	TOTAL-P		NO3-N	5 0 4 15	рН	3
	HR 1/10	-				-					T.	103	VE	ELOCIT	14		≥0 = a+ 11	×1 41	ug - st 1	vg - a1	20 · 01	1 911	C
ŀ					1		}								- [П
	192		510 085	0000	1915 1915	3622 36222	259		0020	1793	00	000		521									
	1,5		510	0010	1915	3622	259		0020	829	0.0	20		5212 5214									
			085	0010	1915	36222	259			,				521									
			STD	0020	1915	3622	259		0020	865	0.0	41		521									
	005		085 510	0020	1915 1915	36 222 3622	259		0020					521									
			085	0030	1915	36222	259		0020	90 I	00	62		521 521									
			STO	0050	1915	3622	259		0020	972	01	04		522(
			OBS	0050	1915	36222	259	3						5220									
			510	0075	1915	3622	259		0021	062	01	57		5225									
			085 STD	0075	1915 1915	36222 3626	259 259		0020	0 4 1	0.2	09		5225									
			085	0100	1915	36262	259		0020	001	UZ	0 9		5229 5229									
			SID	0125	1923	3634	260		0020	554	02	61		5236									
			OBS	0125	1923	36344	260					-		5236									
			510 085	0150	1932	3640	260		0050	492	03	12		5244									
			STD	0150 0200	1932 1951	36396 3647	260		0020	631	04	15		5244 5258									
			085	0200	1951	36467	260		0020	031	0-	13		5258									
			STD	0250	1710	3606	263	2	0017	919	05	11		5192									
			085	0250	1710	36064	263						15	5192	2								
			510 085	0300	1540 1540	3584 35839	265		0015	896	05	96		5146									
			085	0330	1471	35806	265							5146 5129									
			085	0340	1489	35910	267							5137									
			5T0	0400	1354	3566	268	1	0013	595	07	43		5100									
			085	0400	1354	35659	268							5100									
			085 085	0440	1228 1249	35447 35556	269							5062									
			570	0500	1179	3539	269		0012	405	08	73		5074 5054									
			QB5	0500	1179	35389	269							5054									
			STD	0600	1027	3515	270		0011	582	09	93	15	5014	4								
			0BS 5T0	0600 0700	1027	35154	270		0000	17/	1.0	0.7		5014									
			085	0700	0813	3502 35024	272		0009	114	10	97		4950 4950									
			510	0800	0675	3497	274		0007	653	11	81		4912									
			085	0800	0675	34969	274							4912									
			510	0900	0570	3493	275		0006	596	12	52		886									
			08S 5T0	0900 1000	05 70 05 05	34929 3493	275		0005	012	1.3	3.4		4884									
			085	1000	0505	34934	276		0005	012	13	14		876 876									
			510	1100	0481	3494	276		0005	564	13	71		883									
			085	1100	0481	34939	276						14	883	3								
			STO	1200	0456	3493	2769		0005	381	14	26		B 90									
			085 51D	1200 1300	0456 0442	34934 3493	2769		0005	300	14	70		890 901									
			085	1300	0442	34932	277		0000	.09	14	, 7		901									
			STD	1400	0429	3493	2772		0005	259	15	32		912									
			085	1400	0429	34929	2772	2						912									
			STD	1500	0420	3493	2773		0005	244	15	85		925									
			OBS	1500	0420	34927	2773	2					14	925									

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

														1.700	. T			1				
REFERENCE	SHIP	LATITU	DE	LONGITUDE 30	MARSO	RE	STATION TIA	ME YEA		CRUISE ST	ATORS		DEPTH	DEPTI	DIS	WAVE ERVATION	15	WEA- THER	CLDUD		9	HDDC TATION
CTIFF ID.	CODE		1/10	1/16			MD DAY HE			NO. N	UMBEI		вопом	S'MPL	5 DR.	HGT PER	SEA	CODE	TTPL AM	7	1	IUMBER
318006	EV	3626	N (06114 W	115	61	01 19 2	26 196	.7	A52 015	5	- 1	4938		06	5 2		Х6	0 3			0015
10000	I E V	3020	14 [4	JOLIA MI	117	WAT		IMP T	ARO:	AIR YES		Τ,	NO.		ECIAL	1- 1- 1				'	,	
					C	OLDA	TRANS DIR	SPEED	ETER	DRY	WET	CODE		ORSER	VATIONS							
					-	EO-DE	(m)	FORCE -	imbs (BULB	RULR											
						O T	50 09	521 3	328	111	106	6	24									
	MESSING	CAST	CARD	DEPTH Imi	١,	+	\$ 1/4.	SIGMA-1		SMCINC VOLUA	ue :	E A O	\$DL	JND	03 mU1	PO ₄ =P		STAL-#	ND2-N	NO3-N	\$1 D4-5	pN
	HR 1/1	NO.	1195	Service and	1			310ma-	.	BIE-VJAMOHA	' `	π 10 ³	VELC	CITY		μg = α1/	1 /	18 - 61/1	48 - 40/	μg - σ1/1	yg = 81/	1 70
																	Т					
	1		STO	0000	19	12	3615	2589	- '	0021246	, c	000	152	211	'		'	,				
	22	6	OBS	0000	19	12	36149	2589						211								
			ST	0010	19		3615	2589		0021282	2 (021		212								
			OBS	0010	19		36149	2589						212								
			5 T (19		3615	2589		0021317	7 (042		214								
	0.0	4	OBS	0020	19		36149	2589				0.5		214								
			ST		19		3615	2589		0021353	5 (063		215								
			OBS	0030	19		36149	2589		0071475		106		215								
			OBS	0050	19 19		3615 36149	2589 2589		0021425	, (100		219								
			STO		19		3615	2589		0021478	9 0	160		223								
			OBS	0075	19		36154	2589		0021710	, ,	-00		223								
			STI		19		3615	2589		0021567	7 0	214	15									
			085	0100	19		36154	2589						227								
			STI		19		3615	2589		0021692	2 0	268	152									
			OBS	0125	19	12	36149	2589					152	231								
			ST	0150	19	06	3615	2590		0021634	4 (1322		233								
			OBS	0150	19		36149	2590						233								
			ST		16		3595	2637		0017313	3 (419		166								
			OBS	0200	16		35949	2637						166								
			ST		14		3570	2655		0015705	5 (1502		121								
			OBS	0250	14		35703	2655						121								
			STI		13		3561	2674		0014000) (1576		880								
			OBS ST	0300	13		35607 3536	2674		0012412		708		088								
			OBS	0400	11		35364	2692		0012414	_ (1100		039								
			STI		09		3516	2710		0010833		824		987								
			085	0500	09		35159	2710		001000				987								
			ST		0.8		3499	2727		0009158	3 (1924		930								
			OBS	0600	08		34989	2727						930								
			ST		06		3495	2746		0007364	4 1	007		887								
			085	0700	06		34949	2746						887								
			ST	0800	05	68	3492	2755		0006482	2 1	076	141	869								
			085	0800	05		34924	2755						869								
			STI		0.5		3493	2763		0005794	+ 1	138		863								
			OBS	0900	05		34934	2763		000550		10		863								
			ST		04		3494	2767		0005506	5]	194		868								
			085	1000	04		34937 3494	2767		0005254	. 1	248		868 873								
			OBS	1100	04		3494	2770		0000234	-	240		873								
			STI		04		3493	2771		000515	7 1	300		B83								
			085	1200		39	34934	2771		000713		200		883								
			ST		04		3493	2772		0005172	2 1	352		895								
			085	1300	04		34927	2772		230-17				895								
			ST		04		3493	2773		0005114	4 1	403		907								
			OBS	1400	04		34927	2773						907								
			STI			0.7	3492	2774		0005093	3 1	454		920								
			OBS	1500	04		34924	2774						920								

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	T cause [[=]	MAR	SOEN	STA.	TION T	M.E			ORIGINA	ATDR'S		Diam	TMA		w.					ī			1
CT8Y 10.	CODE	LATITU	1/10 L	ONGITUDE SON	son	ARE		(GMT)		YEAR	CAUISI	5	TATION	_	TO TO TOTTO	OF		BSERV	A TIONS	THER	C	0067			NODC	
318006	Ev	3609			10°	1		DAY H	-		NO.	1		-		3 m r		_	7 PH1 58		177	E A MT			NUMBER	-
, 310000	I E V I	3609	NIU	6102 W	115	61 WA		20 0	/IND	1967	A52	AIR TEN		\vdash	4938	3	13	2 5	2	X 2	1 0	1 3			0016	1
						COLOR	TRANS	DIR	\$PEHO OB	METE	R	DRY	WET	CODI	NO. OBS, DEPTH	0.0754	PECIAL	5								
						CODE	IAI	1 1	PORCE		_	IULE	BULF	-		,		-								
						DT	SD	14	522	30	1 1	67	150	6	24			1								
	MESSENGE	LCAST H NO.	CARO TYPE	OEPTH IMI	Ť	°C	s	٠/	SIGN	T-AA	SPECIFI	C VOLUA	, S	A. D.	20	DOUG	O g m		PO4-P	TOTAL-P		2-N	N03=N	51 D ₄ -5		3
	HR 1/10						-		1				1	103	1		-	,	6 + 01/1	#8 * e1/1	n8 -	e1/1	yg = 01/1	νg = α1/	1	č
	I		STD	0000	1	980	36	6. Y	259	, [003	1065		000	1,							- 1			1	
	028		085	0000		980		407	259		002	1002	, 0	000		232										
			STD	0010		980	36	40	259		002	1111	00	21		234										
			OBS	0010		980		405	259							234										
	003		STD	00 20		980	364		259		002	1147	00)42		236										
	003		OB5 ST0	0020		980	36	405	259		002	1184	0.0	63		236										
			085	0030		980	364		259		002	1104	0.0	103		237										
			STD	0050		80	364		259		002	1266	0.1	05		241										
			DBS	0050		089	364		259	0						241										
			STD	0075		82	364		259		005	1385	0.1	59		245										
			OBS STD	0075 0100		982 981	364		259		000					245										
			DBS	0100		81	364		259		002	1440	02	12		249										
			STD	0125		61	364		259		002	1031	0.2	65		249										
			OBS	0125	19	61	364	09	259				-			248										
			STO	0150		60	365		260		002	0191	0.3	17		253										
			OBS	0150		60	365		260							253										
			DBS	0200 0200		72	365		262		001	8452	04	13		236										
			STO	0250		18	364		262		001	7590	0.5	04		236										
			OBS	0250		18	364		263		001	, , , ,	0.5	-		229										
			STD	0300		98	364	6	264	1	100	7276	0.5	91		231										
			085	0300		98	364		264							231										
			STO	0400		38	363		264		001	5953	0.7	62		229										
			STD	0400		38	363		264		001	5133	0.0	27		229 187										
			OBS	0500		61	359		265		001	0100	0 7	21		187										
			STD	0600	13	48	356		268		001	+237	10	79		131										
			OBS	0600	13		356		268							131										
			STO	0700	10		352		270		001	2230	12	11		056										
			OBS	0700 0800	08	95	352 350		270		000	9815	1.3	22		056										
			OBS	0080	08		350		272		000	-015	1.3	2.5		976 976										
			STO	0900	06		349		274		000	7540	14	0.8		918										
			OBS	0900	06	50	349	54	274	7						918										
			STO	1000	05		349		276		0000	286	14	78		896										
			OBS	1000	05		349		276							896										
			STO	1100	04		349		276		0005	0084	15	37		890 890										
			STO	1200	04		349		276		0009	620	15	94		899										
			085	1200	04		349		276		20.7.	320				899										
			STD	1300	04		349		277		0005	392	16	49	149	906										
			DBS	1300	04		349		277					0.1		906										
			STD OBS	1400 1400	04		349		277		0009	313	17	03		917										
			STD	1500	04		349		277		0005	314	17	56		917 927										
			OBS	1500	04		349		277			214		,,,		927										
									-																	

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	SHIP				- 5	IAAA IO2	ISOEN JARE	STAT	ION TE	M.E	YEAR		ORIGIN				DEPTH		TH	0.031	WAVE SVATION		WEA-	0 10 13			N	DDC	
C008 NO.	CODE	LATITU	1/10	LONGITU	1/10	10*	1.	MOIO		0.3757	IKAR		JISE ID.	STATIO	IER .		00110	M S'MP	\$		HG# PIE			TTTT AV				MARIA	
	-						1				7	+-	-				. 755		-		2 3	14.0	A Ó	0 3	-7			017	
318006	I E V I	3555	N I	06044	a Wil	1115	50 WA			175	1967		52 01		0 1		4755	_			6151			0 3				011	
							CDLOR	-	OIR.	SHIED	METI		DRY	wı	-	VIS	DAS	0.974	PECIA	L									
							COOE	Um 2	UIX.	FORCE	Lester	1	BULB	8 U	LII.		OEFTH	3											
							OT	50	16	524	25	1	107	1 8	13	6	24]											
	MESSINGE	TZAO	CAR	0 -			7 °C	1	٠/		1 - A N	SPE	CHIC VOL	JANE	₹ Z	2 0	50	OUNO		2 m1/1	PO 4=1	1 10	141-2	NO;-N	NO3-	-4	4-5:		
	HR 1/10	면 NO.	TYP	'E	EPTH (m1			1,	-/	3101	VI A. — 1	AF	OMALINE	107	X	103	VE	LOCITY		2 miri	μg · α)	1 2	g = 41	A8 - 01	₩g - 0		yg - atill	pH	
	112 11 11					1				1											1					-			
	ľ	1 1	5 T	ro ' (3000	. 1	974	364	٠0	25	91	0.0	02098	3	00	00	15	5231											
	076	,	OBS		0000]	974	36	397	25								5231											
			51		0010		973	364		25		0	02100	2	00	21		5232											
			OBS		0010		973		397	25			00105	7	00			5232 5234											
			ST		00 20		973	36	394 394	25 25		U	02105		00	46		5234											
	005		089		0020		973	36		25		0.	02109	19	00	63		5235											
			0B5		0030		973		394	25			021.		~ ~			5235											
			51		0050		972	364		25	9.2	0	02110	3	01	05		5238											
			OBS		0050		972		399	25				_				5238											
			\$ T		0075		970	36		25		0	02114	9	01	58		5242 5242											
			OBS		0075		970	36	399	25 25		0	02102		02	10		5243											
			51 085		0100		960		394	25		0	02102	1	06	10		5243											
			S1		0125		1960	36		26		0	02049	7	02	62		5248											
			085		0125		1960	36	.79	26								5248											
			51		0150		912	36		26		0	01910	5	03	12		5240											
			085		0150		912		519	26			01746	7	04	0.		5240 5229											
			SI		0020		1848	36	499	26		U	01786	1	0.4	04		5229											
			0BS		0200		1818	36		26		0	01746	, 3	04	93		5229											
			085		0250		1818		+79	26			0 4					5229											
			ST		0300	1	792	36		26		0	01725	5	05	79		5229											
			0B5		0300		792		+45	26					. 7			5229											
			51		0400		734	36.	32 324	26 26		0	01709	14	0.7	21		5227 5227											
			OBS		0400 0500		1734	36		26		n	01662	2	09	20		5206											
			089		0500		1620		069	26			1002		- /			5206											
			ST		0600		345	35	50	26	78	0	01439	15	10	75	15	5130											
			OBS		0600		1345		599	26								5130											
			S1		0700		1057	35		27		0	01166	1	12	05		5043											
			OBS		0700 0800		057	35	247	27		0	00998	12	13	13		5043 4978											
			083		0800		844		005	27		U	00770		1	10		4978											
			S1		0900		0671	34		27		0	007H1	3	14	02	_	4927											
			085		0900		671		759	27							14	4927											
			51	10	1000	()585	35		27		0	00629	0	14	73		4910											
			089		1000)586		019	27		_						4910											
			S1		1100)539	351	02 019	27		0	00576	34	15	33		4908 4908											
			OB 9		1100 1200)539)476	34		27		0	00538	14	15	89		4898											
			089		1200		3476		969	27			0000					4898											
			S1		1300)445	34		27		0	00530	9	16	42		4902											
			OBS	5	1300)445		937	27								4902											
			51		1400		1428	34		27		0	00518	10	16	95		4912											
			OBS		1400		428		937	27		0	00517	7.7	17	4.7		4912 4923											
			089		1500 1500)416)416	34	929	27		U	00517	- 1	7 1	I		4923											
			085		1000		·+10	7.4	- 6 -7	6 /								.,											

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

EFERENCE														MAX								
FRY ID.	SHIP	LATITU		LONGITUDE		MARSTEN		Y	EAR	CRUISE !	ATOR'S		DEPTH	DEPTI	H OBS	WAVE ERVATIONS	7 H	ER , C				NODC
-			1/10	* 11/		10 1	MO DAY			NO. I	NUMBER	_	MOTTON	S*MPL		HGT PIE S	4 CO	QE TY	*1 A ~ 7		- 1	NUMBER
318006	l Ev	3541	N	06027	4	115 50			967	A52 01		,	4663		20	3 2	×	6 (0 3			0018
								SPEED	MARC		WET	VIS	NO.	SP	ECIAL							
						col	DE TRANS. DIR.	ADACE DB	(mbs		BULB	Con	DEPTHS	OUSER	VATION 5							
						DI	50 26	526	240	194	189	4	33									
	MESSENGE	CAST	CAR	D DEPTH	(fm)	7 'C	5 */**	SIGMA	. [SPECIFIC VOLU	me ≦	A D	sou	NO		PCIA-P	TOTAL	- F NO	5N	NO,-4	51 . 4-5	Ţ
	HR 1/10	T NO.	TYP	i Dirii	i swi	1	3 744	SIGMA	-1	E-1JAMONA	٥, ٥	X 103	VELO		03 ml/l	PR + B7/1	20 - 61			pg + of	V 07/	
								ļ											- '			1
•			ST			1992		2589		002124	6 0	000	152									'
	122		085 51			1992		2589		000170	2 0	031	152									
			085			1992		2589 2589		002128	3 0	021	152									
			5 T			1992		2589		0021320	0 0	042	152									
	003		085			1992		2589	-				152	39								
			51			1992		2588		002139	3 0	063	152									
			085 ST			1992		2588 2588		0021466	٠ ۵	106	152 152									
			085			1992		2588		0021400	5 0	100	152									
			5.1	0 007	5	1992	3642	2588		002155	8 0	160	152									
			085			1992		2588					152									
			51			1992		2588		002163	2 0	c 14	152									
			085 51			1992		2588 2589		002165	1 0	268	152 152									
			085			1990		2589		00210.		- 40	152									
			ST	0 015	0	1980	3652	2599		0020803	0	321	152	58								
			085			1980		2599					152	58								
			085			1865 1865		2627 2627		001833	2 04	419	152									
			ST			1813		2638		001745	2 0	509	152									
			085			1813		2638		0017428	. 0.	209	152									
			5 T			1790		2641		0017321	7 0!	596	152	28								
			085			1790		2641					152									
			ST OBS			1738		2646 2646		0017150) ()	766	152 152									
			5T			1623		2651		001687	3 09	938	152									
			085	050	0	1623		2651					152									
			ST			1357		2676		0014658	3 10	096	151									
			08S			1357	35596 3530	2676 2702		0012142	, ,	230	151									
			085			1103		2702		0012148	2 1 4	2 3 0	150 150									
			ST			0837		2727		0009623	3 1.	338	149									
			085			0837	35039	2727					140									
			STI OBS	D 090	0	0650 0650		2746		0007656	> 1'	425	149									
			085	095		0585		2754					149									
			085			0612	35029	2758					149									
			ST			0604		2760		0006410) 14	495	149									
			0B5			0604		2760		000550		C C 77	149									
			STI 085			0552 0552		2765		0005903	1:	557	149									
			51			0508		2769		0005570) 10	514	149									
			085	120	0	050B	35003	2769					149	12								
			STI			0487	349H	2770		0005533	3 16	570	149									
			085 085	130 134		0487	34984 34947	2770					149									
			511			0452	34947	2773		0005237	7 1	724	149									
			085	140	0	0441	34954	2773					149									
	137		085	T146		0433	34901	2769					149		586							
			5TI 0B5			0446	3496	2773		0005326	1	776	149		589							
			510	150 175		0446	34984 3492	2773 2775		0005241	1.5	908	149		617							
	137		085	196		0371	34914	2777		0007241	1.3	00	149		614							
			STO	0 200	0	0367	3492	2778		0005030	20	37	149	87	614							
	137		085	225		0342	34938	2782					150		613							
	137		085) 250 T297		0322	3495 34966	2785 2789		0004520	24	276	150		613							
	157		510			0284	34960	2790		0004116	24	91	151		614							
	137		085	350	1	0242	34968	2793		000-110		. 71	151		627							
	137		085	T398		0226	35020	2799	Q						604							

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

Terreto Cf			Ţ								F	D B C C C C	4.840.00			MAI						_			
CTAT 1D.	SNIP	LATITUDE	100	GITUDE E		REDEN	STAT	ION TI GMT)		EAII.	CRUISI	DRIGIN	TATIO		DEPTH 1D	OEPTH	01	WAV SERVAT		THEF	C1000		5	OCCITAT	
C008 NO.	CODE	1/10		1/10	10°	12	MOI	N YAC	8.1/10		NO.		WILW.		BOTTOM	S'AAPL'	5 010	HGT P	19 524	C001	11H A	1		DWIEL	
24000		2422 11	100	122	1,,	c / 1	01 2	1 0	10 1	067	A52	01	0		4210	1	01	3 6	,	1 1	8 3			0019	
31800	SIEV I	3432 N	106	133 w l	111	5 41 WA			VIND II.			AIR TE				<u></u>	101	۱۰۱۰	- 1	1 ~ 1	013			0015	
						COLOR	_	-	SPELO	METE	D-	DAY	WE	COD	NO. OIS.	MARKET.	CIAL	}							
						CODE	(m)	OIR.	FORCE	Imbe		IULB	BUE		OFFIHS	OBSERV	w IION 3								
								35	525	28	4 1	72	13	9 7	16			1							
							-	55	1027	-0			-				-	1							\neg
	MESSENGE		ARD YPE	DEPIN Im	,	0° 1	\$	-/	SIGMA	-1		C VOLU		SYN. N	1 10010	DCITY	Op mi		a-P	10164-7	NO2-N	ND3-N	51 14 = 51	pН	è
	HR 1/10	, ite.	196				ļ		1					я 10 ³	1000	20111		NB.	41/1	#4 - 41/1	NB - 911	NB - 01	νÿ = 01/1		10
							İ											i							11
			TO	0000		1923	363	3	259	9	002	021	3	0000	15	216									
	018	0.8	15	0000		1923	363	329	259	9					15	216									
	018		35	0008		1923	363	326	259	9					15	217									
			TO	0010		1924	363	3	259	9	002	028	5	0 0 2 0	15.	217									
			T0	0020		1926	363	3	259	9	002	035	8	0040	15	220									
	018	OE	35	0021		1926	363	129	259	9					15	220									
			TO	0030		1926	363	14	259	9	002	033	0	0060	15.	222									
	018	0.6	35	0042		1927	363	150	260						15.	224									
		5	TD	0050		1930	363	35	259	9	002	040	3	0101		226									
	018	0 E	35	0063		1934	363	360	2599	9						229									
		5	TO.	0075		1936	363	17	259	9	002	049	4	0152	15	232									
	018	OE	35	0083		1937	363	379	260	0						234									
		5	TD	0100		1937	363	39	2600)	002	049	4	0204		237									
	018	0 E	15	0124		1936	363	397	260	1						240									
			TD	0125		1936	364		260.			046		0255		241									
		5	TD	0150		1939	364		260		002	012	3	0305		246									
	018			T0163		1940	364		260							249									
			TO:	0200		1778	363		263		001	761	2	0400		207									
	018			0242		1634	361		265							169									
			TO	0250		1617	361		265			557		0483		165									
			TD	0300		1515	359		266		001	472	2	0559		139									
	018			T0313		1490	358		2671				-	2100		133									
			TO	0400		1355	357		268		001	322	1	3698		101									
	018			0444		1258	355		269				,	0011		0.75									
			TD	0500		1078	354		271		001	028	4	0816		019									
	029			T0531		1010	353		272							999									
	016			T0565		0962	352		272			0.0-				986									
			TD	0600		0892	351		272		000	927	4	0914		965									
	029			0677		0759	350		273							925									
			TD	0700		0724	350		274			1767		0998		915									
			TD	0800		0602	350		275		000	633	g	1068		883									
	029			0829		0576	349	96	2761	0					14	878									
			TD	0900		0561																			
			TD	1000		0540																			
	029) OE	55	T1059		0527	353	320	279	20															

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE						-	MARSOEN					_	ORIGIN.	1:0014			MAI								_
CTET IO.	COOE	LATITU	10E	LONG	TUGE	VOC 18	SQUARE	STATE	ON TH	ME	YEAR	CRUISE		TATION	\dashv	OEPTH TO	OEST	H	OBSERVA	V E L TIONS	WEA-	CFOAC		STAT	ION
CODE NO.	COOL	<u> </u>	1/10	•	1/10	- E	10° 1°	MO O	AY HE	1/10		NO.		UMBER		BOTTON	A S'MPL	L'S C	HGT	PER 52A	COOF	TFPE AM		NUM	BEA
318006	EV	3350	N I	0622	29 W	1	15 32		1 1	08	1967	A52				4334		3	36 3	2	X1	0 3		00	20
								ATER	w	MO	\$AR	U+	AIR TEA	_	Vrs.	NO.	SP	PECIAL							
							COLO	ZWABT 1	OIL	SPEED OF FORCE	1		ORY	WET	CODI	OBS. DEPTHS		VATIO	2 11						
							DT	-	07	\$16	30	8 1	72	144	6	26	 								
							10.	100	- 1		1 0				-	_		T							
	MESSENGE TIME	M NO.	CAR	C E	DEPTH IN	91	1 %	5	٠/٠.	SIGA	1-A N	AHON	VOLUI	,,t ő	∆ D 1N, M 1 10 ³	VEL.	OCITY	02			07AL-P	NO2-N ug - 01/1	NO3-N	\$1 O4-51	pH C
	HR 1/10	+	-	-+-				+		-				+		-		-	-	-	-	-		-	
	1	1	I ST		0000	, ,	2042	365	0	258	2.1	003	1962	, I	000	16	250		ļ	- 1					11
	108	1	085		0000		2042	365		258		002	1,01		000		250								
			ST		0010		2042	365		256		002	1999	9 0	022		252								
			OBS		0010		2042	365		258							252								
	005		ST OBS		0020		2042	365 365		258		002	2037	7 0	044		254 254								
	005	ļ.	51		0020		2042	365		258		002	2074	. 0	066		255								
			OBS		0030		2042	365		258							255								
			ST		0050		2044	365		258		002	2194	0	110		259								
			OBS		0050		2044	365		258			7216		1		259								
			51 085		0075		2045	365		258		002	2315	0.	166		263 263								
			ST		0100		2045	365		258		002	2408	3 0	221		267								
			085		0100		2045	365	00	258	30					15	267								
			ST		0125		2045	365		258		002	2501	0.	278		272								
			OBS ST		0125		2045	365		258		007	2604	0.	334		272								
			085		0150		2045	365		258		002	2594		,,4		276 276								
			ST		0200		2045	366		259		002	1750	0 0	+45		286								
			085		0200		2045	366		259							286								
			ST		0250		1892	366		262		001	8310	0 :	545		251								
			0B5		0250		1892	366 365		262		001	8052		36	15	251 251								
			085		0300		1864	365		263		001	0032		,,0		251								
			ST	D	0400		1818	365	1	264	0	001	7728	0.0	315		254								
			OBS		0400		1818	365		264			710.				254								
			ST OBS		0500		1762 1762	364		264		001	7194	01	89		253 253								
			ST		0600		1679	362		265		001	6924	1	160		243								
			085		0600		1679	362		265				_			243								
			S.T		0700		1487	358		267		001	5646	13	323		196								
			OBS		0700		1487	358		267		001	3600				196								
			085		0800		1270	355		269		001	3508	, 1	•69		137 137								
			ST		0900		0913	350		271		001	1082	15	92		020								
			OBS		0900		0913	350		271	5					150	020								
			OBS		0960		0680	348		273							939								
			085		0980		0726	350		274		000	7535		85		963 946								
			OBS		1000		0675	350.		274		000	1233	1.0	200		946								
			ST		1100		0577	350.		276		000	6249	17	754		923								
			OBS		1100		0577	350		276							923								
			STI		1200		0510	350.		277		000	5488	10	12		913								
			OBS		1200		0510	350		277		000	5248	1.2	166		913 917								
			085		1300		0480	350		277		300	0		-00		917								
			ST		1400		0463	350	2	277	6	000	5010	19	17		927								
			085		1400		0463	350.		277							927								
			5 TI		1500		0432	350		277		000	4750	1 9	66	149									
			003		1300		0432	3,00		277	7					140	771								

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CIRT ID. CODE NO.	SHIP COOE	LATITU		NGITUDE STORY	MARSDEN	STATION TIL		CRUIS	DAIGIN:	TATION TATION	-	DEPTH TO BOTTOM	MAI OEPTI OP S'MPL	1 005	WAVE ERVATIONS [HGT] FEA	WEA- THER CODE	CLOUD CODES		51:	DOC TION	
CODE NO.			1/10	1710		MO DAY H		+	+		\dashv		2 W.b.F	1		+				0.73	
318006	EA I	3318	M 106	332 W	115 33		72 196		AIR TEA		1	4572 NO.	<u> </u>	109	3 2	×1	0 3	1	1	1021	
					COLOR	TRANS OUR	SPEED	AD-	ORY	WET	CODE		0.052.0	ECIAL VATIONS							
					CODE	(m) DIR.	LOSCE (W	shel	BULB	BUEB		-	-								
					0.1	50 10	510 3	15 2	200	183	8	24	Ĺ								_
	M455FHGR TIME HR 1/10		CARD	OEPTH (m)	r *c	s */	SIGMA-T	SPECIF	M ALT-I	ME 2	△ D N. M 10 ³	. SOI	DCI14 NHO	0 2 ml/l		1014 L-P HE - 81/1	ND3-N ND - 01/1	NO3-N	\$1 0 4 -51 pg - 81/1	yН	C
	PIK 1/10					-		+				-			1						
		1	510	0000	20.35	3649	2582	00	2187	1 0	000	15	248		, ,						
	173		OBS	0000	2035	36488	2582						248								
			STD	0010	2033	3649	2583	00	2183	6 01	D Z 1		249								
			OBS	0010	2033	36490	2583						249								
			510	0020	2033	3649	2583	00.	2187	3 0	043		251								
	005		OBS	0020	2033	36491	2583	0.0	2188		065		251 253								
			510	0030	2033	3649 36494	2583 2583	00.	2100	4 0	V 6 3		253								
			0BS 5T0	0030	2033	3650	2583	0.0	2192	2 0	109		256								
			OB5	0050	2033	36499	2583						256								
			510	0075	2036	3650	2583	00.	2209	7 0	164	15	261								
			OBS	0075	2036	36499	2583						261								
			510	0100	2036	3650	2583	00.	2219	0 0	219		265								
			085	0100	2036	36499	2583						265								
			STD	0125	2036	3650	2583	00.	2227	4 0	475		269 269								
			085	0125	2036	36500	2583		2210		330		273								
			510 085	0150	2035	3652 36520	2585 2585	00.	2219	4 0	250		273								
			510	0200	1998	3665	2604	0.0	2050	0 0	437		273								
			OBS	0200	1998	36650	2604					15	273								
			STO	0250	1895	3661	2628	0.0	1838	4 0	534	15	252								
			OBS	0250	1895	36610	2628						252								
			STO	0300	1848	3658	2638	0.0	1763	1 0	624		247								
			OBS	0300	1848	36580	2638				799		247								
			STO	0400	1811	3655	2645	00	1725	6 U	144		252								
			OBS	0400	1811 1752	36555 3643	2645 2651	0.0	1705	2 0	970		250								
			085	0500	1752	36434	2651	00					250								
			510	0600	1661	3625	2659	0.0	1654	9 1	138	15	237								
			OBS	0600	1661	36253	2659						237								
			ST0	0700	1440	3582	2675	00	1507	3 1	297		180								
			085	0700	1440	35818	2675						180								
			STO	0800	1100	3534	2706	0.0	1201	9 1	432		075								
			OBS	0000	1100	35337	2706	0.0	0.05	1 1	540		075								
			510	0900	0863 0863	3513 35133	2730 2730	00	0954	1 1	J 44 U		003								
			0BS STD	1000	0707	3505	2747	0.0	0785	3 1	627		959								
			085	1000	0707	35048	2747	00	0.02				959								
			5T0	1100	0575	3502	2762	0.0	0626	1 1	697	14	923								
			OBS	1100	0575	35020	2762						923								
			510	1200	0508	3504	2772	0.0	0529	7 1	755		912								
			085	1200	0508	35040	2772						912								
			510	1300	0487	3505	2775	0.0	0508	4 1	807		921								
			085	1300	0487	35046 3505	2775 2778	0.0	0486	4 3	857		929								
			S10 0BS	1400	0467 0467	35053	2778	00	U+00	- I	001		929								
			510	1500	0446	3505	2780	0.0	0472	0 1	905		937								
			085	1500	0446	35047	2780						937								

Table 1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

DEFERENCE ID.	SHIP	LATITUD			100 C	MARSDEN SQUARE	STATION TI		YEAR	CRUIS NO.	DRIGIN	ATDR'S		DEPTH TO BOTTO	DEFI	H ORS	WAVE ERVATIONS	WEA- THER CODE	***** A 4/1		51	HODC IATION UMBER
CODE NO.	CDDC	· _	1/18	1/10	1	10" 1"	MO DAY H	(R,1/10		NO.	+	40 - 61	-		2 - 7 7					+-		
318006	FV	32430	N O	64330W	l	15 24	01 22 0	105	1967	A52				1646		09	3 2	X 1	8 6			0022
210000		25426				WAT	TER Y	MIND	BAR		AIP TE	_	VIS	NO.	5.0	ECIAL						
						CDLOR	18ANS DIR.	SPEED	10000		DEA	WET BULT	0.00	DEPTH	DUSER	VATIONS						
						CDDE	_	10#GE	+-	\rightarrow		_	-+-		+-							
							15	512	30	1 1	83	16	7	14			_				,	
	MESSENGE TIME	CAST ND.	CARD	DEPTH	(m)	7 °C	5 %.	SIGA	T = A N		M ALT - E	9 AA 9	£ △ D DYN. №	VE	LOCKY	D 2 m1/1	PO4=P 29 + 81/1	101a F	NO2=N ug - abh	NO3-N vg - arr1	1 04=\$1 µg = 6121	9Н
	HR 1/10			-	-		-	-				_		_								
	1	1 1		1	_		0150	250	0.5	00.	2061	2 1	0000	. 1	5238	506	1					
			510	000		1994	3652 36518	25		002	1001	٠ '	,000		5238	506						
	013		085	000		1994	36518	25							5239	516						
	013		085	000		1994	3652	25		00:	2064	9 1	0020		5239	510						
			5T0	001		1994	3652	25			2070		0041		5241	516						
	012		085	002		1994	36516	25		00,					5241	516						
	013		510	003		1993	3652	25		0.0	2070	5	0062	1	5242	515						
	013		085	004		1993	36520	25						1	5244	514						
	013		510	005		1993	3652	25		00:	2076	9	103	1	5246	513						
	013		085	006		1994	36520	25	95					1	5248	512						
	010		510	007		1995	3652	25	95	00	2090	7	155	1	5250	514						
	013		085	008		1995	36516	25	95						5251	515						
			510	010	0	1972	3658	26	05	00	2001	9	206		5249	513						
			STO	012	5	1932	3662	26	19	00	1880	2	0255		5242	511						
	013		085	012	5	1932	36617	26							5242	511						
			510	015	0	1875	3658	26	31	00	1777	0	0301		5230	476						
	013		085	T017	0	1839	36555	26							5223	457						
			STD	020		1818	3654	26			1682		0387		5221 5221	468						
			510			1788	3652	26		0.0	1645	2	0470		5221	479						
	013		085	026		1782	36513	26		0.0	E	,	0552		5224	475						
			510			1772	3649	26		00	1645	4	4236		5225	467						
	013		085	036		1743	36440	26	23					1	1227	463						
			510	040			3642									447						
			510				3631 36229									438						
	013	3	085	054			3604									417						
			510				3573									388						
			510	070		1282	35636	26	94					1	5131	382						
	013	>	085 ST0			1090	3540	27							5073	377						
			510			0863	3516		33					1	5003	371						
	0.1.1		085	092		0818	35124		36						4990	369						
	013		510			0702	3510		152						4958	397						
				-		0609	3507		162					1	4937	463						
	0.1.	,	5T0	T111		0599	35066		163					1	4936	478						
	01:	3	003	1111		V 2 7 7	22000	-	00													

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.

											•											
REFERENCE	SHIP				MARSOEN	STATION TIA	NE			RIGINA			DEFTH	MAZ		WAVE	WEA-	CLOUG		N	DDC	
CODE NO.	COOL	LATITU	1/10	LONGITUDE 1/10	SQUARE 10" 1"	MO DAY HE	1/10	1E A R	C#UISE ND.	\$7 N I	ATION		TO HOTTOM	OF STMEETS		HGT PH SIA	CODI	CODES		ST NI	HIEM	
+	0.6	25.17	-			1 17 0		1967	A53	0.0.1			4407	,	32	6 3	x 1	0 3	-		019	
318058	IRCI	3014	3N [)60192w	WAT		HD I	BAR		IS TEM	P T	Τ'n	NO.			10121	1 01	1 0 13			7017	
					COLOR	TRANS. DIR.	SPEEC	MET	ER C	97	WET	21V	OBS. DEPTHS	DASERVA	LTIONS							
					COOE					A.D		-										
		,			DT	50 34	> 1 7	18	1 1:	7	134	7	39									П
	MESSENGE TIME	CAST ND.	CARD	DEPTH (m)	7 °C	5 %.	SIG	1-AM	SPECIFIC	VOLUM ALF-#18	AT OI	A D	SOL	DOITY	O 2 m1/1		1-1A107	NO ₂ =N	NO1-N	S104-51	314	300
	TIME HS 1/10	1	1196						-		1	103	AELL	JCIII		μg = 01/1	yg = 01/1	μg - αI/I	μg = 01/1	уд - 01/1.		P
		1	١.				-				1		1	207		1 1				1 1		Į I
	07/		510 085	0000	2267 2267	3637 36368	25		0021	3864	. 00	000		307								
	076		510		2268	3637	25		0021	3903	0.0	028	15									
			085	0010	2268	36371	25							309								
			STO		2268	3637	25		002	3960	0.0)57	15:									
	002		085 5T(0030	2268 2269	36369 3637	25 25		002	2018	0.0	86	15:									
			085	0030	2269	36370	25		002	, , , ,		, 00		313								
			5 T (0050	2267	3637	25	0.8	002	9069	0	44	15									
			085	0050	2267	36367	25						15:									
			085 510	0069	2264	36375 3642	25 25		0028	3013	0.	216	151	318								
			085	0075	2240	36424	25		0020		0.		15									
			OBS	0080	2129	36435	25	52					157	286								
			510		2009 2009	3660 36596	25 25		0020	793	04	77	157									
			0B5	0100	1919	36596 3659	25		0018	1646	0.3	326	157									
			085	0125	1919	36594	26		001	,040				238								
			085	0130	1884	36586	26						15									
			510		1871	3659 36587	26		001	7606	0	371	15									
			085 5T0	0150	1871 1827	3654	26		001	7085	04	+58	15									
			085	0200	1827	36537	26		001				15									
			5T(0250	1783	3651	26	49	001	5405	0:	542		219								
			085	0250	1783	36509	26		001					219								
			ST0	0300	1760 1760	3647 36475	26 26		001	5211	0.6	524		220								
			085	0350	1729	36422	26							219								
			5 T (0400	1683	3632	26	58	001	5948	0	785	15	212								
			085	0400	1683	36318 36205	26 26	58						212 196								
			085	0448 0468	1609 1511	36023	26							167								
			5 T (0500	1449	3591	26		001	3987	0	934		151								
			085	0500	1449	35915	26							15 I								
			085	0520	1406	35855 3569	26	92	001	3063	1.	J70		140 120								
			510 085	0600	1313 1313	35693	26		001	3003	, 1	010		120								
			510		1157	3544		03	001	2115	1	196		080								
			085	0700	1157	35438		03						080								
			085	0750	1077	35340		10	0.00	0614		304		059 992								
			5T0	0800	0877 0877	3514 35144		29	000	9511	1	J U 4		992								
			085	0818	0811	35056		32						969								
			085	0860	0739	35030	27	41						948								
			085	0880	0629	34861		43	000	7500		3.00		906 914								
			5T	0900	0639 0639	3493 34926		46	000	7589	, 1	389		914 914								
			085	0903	0649	34946		47					14	918								
			085	0919	0649	35006		51						922								
			085	0933	0609	34973		154	000	500	, ,	45 =		908								
			5T	0 1000 1000	0549 0549	3500 35004		64	000	5887	, 1	457		895 895								
			085	1022	0525	34997	27	66					14	889								
			5 T	0 1100	0495	3501	27	71	000	5219	1	512		890								
			085 51	1100 0 1200	0495 0468	35011 3502		71	000	4938	3 1	563		890 896								
			085	1200	0468	3502		775	000	7736	, 1	-03		896								
			ST		0440	3499		776	000	4821	7 1	612		901								
			085	1300	0440	34994		776						901								
			ST		0422	3500		778 778	000	4673	3 I	659		910 910								
			085 51	1400 0 1500	0422	34996 3499		779	000	4661	1 1	706		921								
			085	1500	0409	34987		779			•	, ,		921								

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

						,	31-002	o.—Co	пиние	e a							
CTOY IO.	SHIP	LATE	TUDE	LONGITUDE	MARSOEN S	STATION	TIME YEAR	ORIGINA	-	DEPTH	MAT DEFTH	WAVE CHOITAVEZEE	WEA-	CLOUD	Τ		400C
CODE NO.	COOE	· ·	1/10	1/10	I 10° 1°	MOTOAY			ATION UMBER	MOTTON	S'MPL'S OII			1981 4.41	-	21	MOITA UMBER
31802	8 RC	351	43N	060192w	115 50	11 17	076 196	A ID TO A	PE	4433	3	2 6 3	× 1	8 6			0020
					COLOR		SPEED ME	TER ORY	WEI COD	NO. OBS. DEFTHS	SPECIAL DESERVATION	ıs					
					C00E	34	1	81 161	127 7	0.6		-					
	MESSEN	GR CAST	CAR	O DEPTH (m)	7 %		1	SHORIC VOLUM	T	10-	ND.	POa-F	10141-1				
	HR 37		246	E DEFIN ON	1, 0	s */	SIG M.AT	ANDMALY-118	3 103 DAM W	VELO		N 10351	PR 07 1	ND3=N ug + et	NO3-N	\$1.0 a = \$1 ug - 81/1	214
	07	7 4	085	1050	0513	34996	27/0			1	2.7						
	07		085	T1630	0513 0390	34973	2768 2 78 0			148							
			51 51		0382	3497 3497	2781 2783			149							
	0.7	6	OBS	2198	0347	34976	2784			149 150	12						
	07	6	\$1 085		0319	3496 34952	2786 2787			150 150							
			5 T	D 3000	0274	3495	2789			151	18						
	0.7	6	085 \$T		0246 0226	34935 3491	2790 2790			151 152	77 72						
	0.7	6	085	T4044	0226	34906	2790			152							
REFERENCE								ORIGINAT			MAX.						
CTET IO.	COOE	LATITU		LONGITUDE TO	MARSOEN	STATION TO	1EAR	CRUISE STA	TION	10	OF OF	WAVE SERVATIONS	THER CODE	COOES		ST4	TION
318028	RC	3540	1/10	1/10 °		1 17 1		1		3	'MPL'S DIE	HGT 148 SEA		TYPE A MT		-	MAER
. 510028	IRC I	5,740	UN TO	000317W	WATE		IND	O- AIR TEMP	t VR	654 NO.	SPECIAL SPECIAL	5 3	[X1]	0 3		1 0	021
					CODE	IRANS DIR.	POICE IND	ER ORY			BSERVATIONS						
		,			DT	SD 04	508 20	3 162 1	36 7	37							
	MESSENGI TIME	CAST NO.	CARO	DEPTH (m)	7 %	5 %.	SIGMA-T	SPECIFIC VOLUME	₹ △ D OYN. M	SOUN			0141-1			SI O4-5:	рн С
	HR 1/10								z 103	1.00		yg - 01/1	MB - 01/3	rg - 01/1	pg - 01/E	μg - 01/1	
	1	1 ,	STD			3626	2506	0029127	0000	1530		1	'	- 1	,	- 1	1
	135	5	08S 5TD	0000		36256 3626	2506 2506	0029148	0029	1530 1530							
			OBS	0010	2247	36258	2506			1530	2						
	003	3	510 085	0020		3627 36266	2506 2506	0029159	0058	1530 1530							
			510 085	0030	2249	3627 36275	2507 2507	0029162	0087	1530	06						
			SID	0050	2254	3629	2507	0029231	0145	1530							
			OB5	0050 0066		36295 36312	2507 2507			1531 1531							
			OBS	0068	2159	36312	2535			1529	0						
			51D 085	0075		3646 36456	2552 2552	0025031	0213	1528							
			5TD	0100	1969	3660	2608	0019775	0269	1524	8						
			085 085	0100		36598 36596	2608 2626			1524							
			STD	0125		3659	2629	0017845	0316	1522	8						
			085 510	0125		36586 3657	2629 2633	0017596	0361	1522							
			085 ST0	0150		36575 3655	2633 2640	0017031	0447	1522							
			085	0200	1828	36548	2640			1522	4						
			51D 085	0250		3652 36516	2648 2648	0016479	0531	1522							
			510	0300	1749	3645	2653	0016173	0613	1521	. 7						
			085 085	0300		36454 36348	2653 2659			1521							
			ST0 DB5		1603	3617	2665	0015225	0770	1518	6						
			085	0449	1497	36166 36006	2665 2677			1518 1515							
			510 085	0500		3573 35726	2698 2698	0012177	0907	1509							
			085	0555	1083	35408	2714			1503	0						
			51D 0B5	0600		3529 35294	2718	0010332	1019	1501							
			085	0636	0902	35176	2727			1497	4						
			0B5 ST0		0769	3507	2728 2739	0008163	1112	1496							
			OB5 STD	0700	0769	35068 3496	2739		1184	1493	3						
			085	2800	0582	34965	2757 27 57	0006365	1104	1487	5						
			085 510	0850		34966 3494	2764 2768	0005319	1443	1486							
			085	0900	0511	34995	2768	,	,	1486	3						
			OBS STO	1000		34982 3501	2770 2773	0004844	1293	1486							
			085	1000	0474	35010	2773			1486	5						
			5TD 085	1100		3499 34992	2775 2775	0004744	1341	1487							
			OBS	1190	0422	34986	2777	0004544	1 4 7 0	1487	5						
			STD OBS	1200	0433	3500 35004	2778 2778	0004566	1>88	1488							
			OB5 OB5	1230 1290	0424	34993 34977	2778 2778			1488	2						
			5TD	1300	0409	3497	2778	0004573	1434	1488	7						
			08S 510	1300 1400		34974 3497	2778 2779	0004550	1479	1488							
			QB5	1400	0398	34970	2779			1490	0						
			51D DBS	1500 1500		3497 34967	2779 2779	0004558	1525	1491 1491							
			-03	15,10	U) 70		2.17			1441	,						

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

	,										1						MAX					-			7
CTAT ID.	SHIP	LATITU	LATITUDE LONGITUDE					STATION TIME		TEAR	CRUISE		TATION			ro	DEPTH	OBS	WAVE ERVATIONS	WEA- THER	CODES			NODE	
FOOE ND.	1000				+	10° 1	\rightarrow	MO DAY N			NO.	-	UMBEI	_	aD1	TDM	STAMPLTS		HGT 911 31		1174 2.0	1		NUMBER	-
318028	IRC I	36061N 06055 W			115 60	D]]		77 (IND	1967	A53	OO TE			46			32	5 3	X1	013	1		0022	1	
						CDI	.DR	TRANS. DIR	SPEL	D BARI	ER	DRY	WET	VIS COD	10	O. BS.	SPE	ATIONS							
						CO	DE	(m)	PORC	3 3		ULB	1011	-		-									
						01	ī	50 01	508	20		68	156		3	-					T			T	
	MESSENG	S ND.	CARD	DEPTH	(m l	1 10		5 */**	510	MA-T	SPECIFIC	VOLU ALT-E	ME C	YN. A		VELDO	OF	D ₂ ml/l	PD 4-9	101AL=F	NO3-N	NO3-N ug - ai/l	SI D4-5		C C
	HR 1/10	-						-	+				-	X 10.	+		-				-	-	-	-	
	l	1 .	ST	000	0	228	3	3639	25	06	002	9130	5 O	000	1	153	11		1 1		l	1	I	1	- []
	177	7	OBS	000		228		36391		06						153									
			OBS	001		228		3640 36396		05	002	924	8 C	029		153 153	-								
			510			228		3640	25	05	002	924	2 0	058		153									
	003	2	OBS	002		228		36402		05	000	026		007		153									
			5TI OBS	003		2280		3640 36402		06	002	925	4 (087		153 153									
			510	005	0	228	1	3643	25	09	002	900	6 0	145		153	20								
			OBS	005		228		36428 3645		09	007	872	2 0	218		153									
			085	007		227		36455		13	002	012) (- 10		153									
			OBS	008		227		36457		13				2		153									
			5 TI	010 010		205		3658 36576		84	002	201	1 0	281		152 152									
			511			194	5	3659	26	14	001	932	0 0	333		152	45								
			OBS	012		194		36593		14	001	822	, ,	380		152 152									
			085	015		189		3657 36566		26	001	022	٠ ر	200		152									
			ST	020	0	184	7	3656	26	37	001	737	0 0	469		152									
			085	02n 025		184		36564 3653		37	001	685	5 1	1554		152 152									
			0B5	025		180		36526		544	001	00)	, .	- , -		152									
			ST			177		3649		550	001	646	4 0	638		152									
			OBS ST	030 040		177		36495 3636		50	001	603	0 0	800		152 152									
			085	040		169		36358		558	001	003		- 0 0		152									
			OBS	046		159		36195		69	001	621		952		151 151									
			5 TI	050 050		147		3593 35931		577 577	001	431	4 (752		151									
			ST	0 060	0	112	2	3542	27	708	001	136	9 1	080		150									
			085 085	060 061		112		35418 35396		708 712						150 150									
			0B5	063		108		35351		714						150									
			5 T			086	7	3513		730	000	922	b 1	183		149									
			OBS	070 0 080		086		35134 3499		730 751	000	697	1 1	264		149									
			085	080	0	063	7	34987	27	751						148	97								
			OBS	083		057		34965		757		F / O		2 2 7		148									
			OBS	0 090 090		052 052		3496 34965	2	764 764	000	569	9]	327		148									
			OBS	093	0	050	7	34967		766						148									
			OB5			051 048		34996 3498		767 770	000	517	1 1	382		148									
			0B5	100		048		3+978		770	000	711	1 1	02		148									
			ST			045		3499		774	000	489	1 1	43,2		148									
			OB5	110		045		34988 3499		774 776	000	474	2 1	480		148									
			OBS	120	0	043	Q	34990	2 -	776						148	83								
			ST 085			041		3498 34979		777 777	000	466	5 1	527		148									
			51			041		34979		778	000	463	2 1	574		149									
			035	140	0	040		34975		778	0.0		2	. 7.0		149									
			ST 085			039		3497 34969		779 779	000	460	2	620)	149									
			003	150		0,54	-	2 - 7 0 -	2							7	- /								

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

FERENCE	SHIP	LATITU	DE LO	NGITUDE 3	MARSDEN 38AUOZ	STATION TI		TEAR	CRUISE CRUISE	GINAT	OR'S ATION		DEPTH	DEFTH	OBS	WAVE ERVATIONS	WEA-	CLOUD			NODE
ID.	CODE	٠	1/10	* 1/10	10" 1"	MD DAY H			ND.		MAREN		MOTTON	Z'MPL"		HGT FIR SE	0.0.04	TYPE AM			NUMBER
8028	RC	36231	ON 106	1135w				967	A53				4704		02	1 4	×1	0/3			0023
					WAT		TIND	BARD		TEMP		VHS	ND.	5 P E	Ctal						
					CODE	FRANS. DIR.	FORCE	(mbal	BUL	i e	W ET BULB	CODE	DEPTHS	OBSERV	2 NOR A						
					7.0	SD 02	503	192	16	3	143	7	39								
	MISSENGE	CAST	CARD	DEPTH Int	1 "C	5 %.	SIGMA	A 1	SPECIFIC N	VDLUM!	, §	₽ D.	SDU		O2 m1/1	PDa~P		ND2=N	NO3-N	SIC 4-1	51 gH
	HR 1/10	H NO.	TYPE				2.0		ANDWAL	7-315/	1	103	AETO	CITY		yg = 81 F	All a stre	yg = 01,	HQ + 01 1	ир - в1.	,,,
				1		1		- 1		_	1		1								
	208		510 0B5	0000	2283 2283	3640 36401	2500		0029	063	00	00	153 153								
	200	,	STD	0010	2284	3640	2506		0029	103	00	29	153								
			OBS	0010	2284	36405	2500						153								
	002		STD	0020	2284 2284	3641 36406	250		0029	133	00	5 B	153 153								
	0 0 2		510	0030	2284	3641	250		0029	163	00	87	153								
			085	0030	2284	36407	250	7					153								
			STD	0050	2285 2285	3641 36409	2506		0029	260	01	45	153 153								
			SID	0075	2287	3642	2500		0029	359	0.2	19	153								
			OBS	0075	2287	36416	2506	5					153	25							
			085 085	0098	2288 2260	36434 36451	250						153 153								
			STO	0100	2209	3651	2539		00266	584	04	89	153								
			OB5	0100	2209	36506	2535						153								
			STO OBS	0125	2039	3663 36631	2592		0021	406	03	49	152								
			510	0150	1934	3654	261		00194	480	04	00	152								
			OBS_	0150	1934	36543	2613						152								
			51D 085	0200	1867 1867	3657 36566	2632		0017	845	04	93	152 152								
			510	0250	1828	3653	2639		0017	341	05	81	152								
			OBS	0250	1828	36529	2639	9					152	32							
			OBS OBS	0263 0287	1808	36530 36476	2644						152								
			510	0300	1787	3649	2646		0016	839	06	67	152 152								
			OB5	0300	1787	36486	2646	5					152	28							
			085 5 T 0	0322	1789 1739	36515	2648		0014		08	2 2	152 152								
			085	0400	1739	36430	265		00164	441	00	22	152								
			055	0458	1682	36306	2658	В					152	21							
			510 085	0500 0500	1567 1567	36046	2664		0015	500	09	93	151 151								
			OBS	0520	1489	35916	2672						151								
			055	0540	1459	35944	268	1					151	61							
			ORS	0573	1367	35828 35751	269						151								
			085 510	0588	1349 1332	3572	2689		0013	253	11	37	151 151								
			085	0600	1332	35720	2690)					151	27							
			STD OBS	0700 0700	1078	3536 35359	271:		0011	225	12	60	150 150								
			STO	0800	0849	3513	2732		0009	186	13	62	149								
			085	0800	0849	35126	2732	2					149	81							
			STO OBS	0900	0639	3500	275		0007	374	14	43	149								
			OBS	0900	0639 0591	34996 35000	275						149								
			OBS	0970	0553	34956	2760	0					148	91							
			STO	1000	0539	3499	2765		0005	820	15	0.8	148								
			OBS STD	1000	0539 0497	34994	2769		0005	304	15	63	148								
			085	1100	0497	35004	2770	J					148	91							
			STO	1200	0461	3500	2774		0004	980	10	15	148								
			OBS OBS	1200	0461	34997	2779						148								
			OBS	1270	0450	35001	2775	5					149								
			570	1300	0437	3498	2779		00048	B97	10	64	148								
			08S 510	1300	0437 0419	34979	2779		0004	795	17	12	148								
			OBS	1400	0419	34774	277	7	0004	. , ,			149								
			570	1500	0410	3498	2778	3	00046	690	17	60	149	5.5							
			085	1500	0410	34984	2778	8					149	22							

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

																							_
REFERENCE CTRY ID.	4IM2	LATITUD	IE L	ONGITUDE	DEIR INDCTR	MAGRAN BANDO	STATION TI	WE	YEAR	CRUISE	GINAT	DR'S TIDN	_	DEPTH	DEPTH	01	WAVE SERVATIONS	WEA-	CLOUD			NODE	4
CTAT ID.	CODE		1/10	1/10	0 E	0. 1.	MD DAY H	A,1/10		ND.	NU	MBER	_	10110H	S'MPL"	O IR.	HGT FIR SI	CODE	TYPE A W			NUMBI	
318023	BIRCI	36536	C N	61421W	1 1:				967		005			4788		18	3 2	X 1	0 3			002	4
						COLDA	1	SPETO OR	BAR	0-	TEMP		VIS COOL	ND. DBS.	SPE	CIAL							
						CODE	TRANS. DIR.	PORCE	(mb		9 1			DEPTHS	Calta	~ 110113							
						DT	50 19	515	18	6 168	3 1	137	7	28	L		<u> </u>				,		
	MASSINGS TIME	S ND.	CARD	DEPTH	m)	T 10	s */	SIGN	IA-T	SPECIFIC V		S DY	△ D N. M 10 ³	SO	DCITY	D-2 m1/	PDa~P 99 = 01/1	TOTAL=P	NO2-N vg - 01/1	ND3-N yg - 01/1	SI D4-		3 0
	HR 1/10			-	-		+	-				X	10,	-				-		94-001	70	-	
	1]	STO	2000)	2260	3635	250	0	0028	227	100	00	15	305		1 1			1	1	1	1
	019		085	0000		2260	36346	250		0020	, ,	00			305								
			STO	0010		2260	3635	250	9	0028	866	00	28		307								
			065	0016		2260	36346	250							307								
			STO	992		2252	3635	250		0028	960	00	57		309								
	003		OBS	9020		2252	36346	250		0000		0.1			309								
			STD	0030		2263	3635 36346	250 250		0029	121	00	86		311 311								
			OBS STO	0050		2263	3635	250		0029	105	u1	44		314								
			085	0050		2263	36346	250							314								
			STD	007		2253	3635	250	8	0029	202	02	17		310								
			085	007		2263	36346	250							318								
			STD	010		2119	3601	256		0023	513	0 <	83		288								
			085	010		2119	3061	256		0000	2 / 0	~ ~			286								
			510	012		1989	3661 36615	250 260		0020	249	U 2	38		258 258								
			085 ST0	012		1989	3660	261		0019	292	5.3	9.7		244								
			085	015		1942	30596	261		0017	. 7 2	0 -			246								
			035	018		1860	36581	263							237								
			STO	020		1873	3658	263	3.1	0017	8.8	0 4	ЯŪ	15	237								
			085	020		1973	36590	263							237								
			STD	0250		1831	36.00	264		0017	270	05	68		233								
			085	0251		1831	36548	264		001.		2.6			233								
			STD	030		1795	3652 36517	264		0015	- 05	JC	53		231 231								
			085 ST0			1757	3646	265		0016	613	0.6	20		230								
			085	040		1757	36465	265		0010	010	0 -			236								
			STO			1709	3638	265		0016	446	0.9	86		237								
			085	050)	1700	36378	260	7						237								
			STO			1568	3610	266		0015	539	11	46		207								
			OBS	060		1568	36107	266		0013	. 26	,	- 3.1		207								
			STD 085	070		1349	3575 35755	268		0013	-15	2 6	91		149								
			SID			1094	3536	270		0011	752	14	18		074								
			085	060		1094	35358	270		0011					074								
			510			3860	3513	27:		0009	535	1 -	25		ÜUZ								
			085	090		0860	35128	27							062								
			085	636		0729	35043	274							961								
			STO			2667	3503	275		0007	375	14	0.0		945								
			085	100		0667	35031	275		000-	112	1.0	. 7 7		943								
			5TD 085	110		0551 0551	3499 34994	276		0036	110	10	77		+13 913								
			085	115		0513	34983	276							945								
			085	115		0515	34985	276							907								
			STD	120	0	0500	3499	276	53	0005	5 48	17	735	14	909								
			085	120		3500	34991	27:							909								
			STO			0470	3499	27		0015	. 35	1	789		913								
			085	130		0470	34993 3499	27		0005	04.3	1.3	340		913								
			ST0	140		0449	3499	27		0000	043	10	,40		921								
			STD			0429	3498	27		0004	795	10	190		929								
			085	150		0439	34978	27							929								

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE										01011	ATOR'S	_		MAX	_			1	Υ			
CTEY ID.	CODE	LATITU		NGITUDE BO	MARSDEN SQUARE	STATION T	- 1	YEAR	CRUISE	\$	TATION	-	DEPTH TD	DEPTH	0.83	WAVE ERVATIONS	WEA-	CODES		5	NODE	
C008 NO.	1000		1/10	* 1/10 S	10" 1"	MO DAY F	R.1/10		ND.	_ h	UMBER		IDITOM	S'AN PL	DIII	HGT PER STA	CODE	799(A I.	t	1	I U AN B E R	
318028	RC	3720	ON 06	2000w	115 72			1967	A53	0.06	>		4892		18	2 6	×1	1013	}		0025	
					COLOR		SHEED	METE) · · · ·	RY TEA	AP °C	VIS	NO. DIS.	SPE	CIAL							
					CODE	TRANS. DIR.	108CE			HLI	OULD	COD	DEPTHS	Olisen	ATIONS							
					DT	50 18	515	169	16	7	149	7	29									
	MESSENGI	CAST	CARD	DEPTH (m)	r tc	s */**		WA-T	SPECIFIC	VOLU	3	A D	501	UND		PO4-P	TOTAL	ND2-N	NO3-N	510,-5		Ţ
	HR 1/10		TYPE	DEPTH IMI	1 ' '	> '44	3167	~^-1	ANOMA	1,7-310	" "	x 10 ³	VEL	OCITY	O 2 m1/8		vp - 01/1	ug = efri	99 - al l	yg - et-1	9.14	0
																					1	1
			STO	0000	2263	3636	250		0058	8836	0	U00		306								
	043	3	OBS STO	0010	2263 2264	36356 3635	250		0028	01.		V 28		306								
			OBS	0010	2264	36355	250		0010	276	. 0	023		308 308								
			STO	0020	2265	3635	250		0020	1978	6 0	J 5 7		310								
	004	٠	085	0020	2265	36355	250							310								
			STD	0030	2266 2266	3635 36354	250		0629	054	. 0	V86		312								
			STO	0050	2266	3635	250		0029	141	۵	145		312 315								
			OBS	0050	2266	36353	250		500					315								
			STD	0075	2259	3637	251		0028	348	0	217		317								
			085 5 1 0	0075	2259	36366 3661	251		0022			c 42		317 285								
			085	0100	2098	36615	251		0022	,	. 0	- 72		283								
			STD	0125	1990	3664	260		0020	050	0	236										
			OBS	0125	1990	36645	260							258								
			STO OBS	0150	1945	3662 36622	261		0019	184	. 0	385	152									
			510	0200	1876	3659	263		0017	920	0	4 7 8		236								
			OBS	0200	1876	36586	263						158									
			STD	0250	1839	3655	263		0017	417	. 0	506										
			OBS STD	0250	1839 1815	36555 3653	263		0017	211	0.	653	152									
			085	2310	1815	36527	264		001	< 1 1	0	0.1)	152									
			STO	0400	1759	3647	26		0016	632	0	822	152									
			OBS	0400	1759	36-70	265		0011				152									
			STD	0500 0500	1727	36407	269		0016	-5/	0	750	152									
			OBS	0570	1654	36270	266						152									
			STD	0600	1594	3615	266		0015	734	1	150										
			085	0600	1594	36154	266		0015				152									
			\$10 085	0700 0700	1449	3573 35735	266		0015	8/0	1	308	151									
			STD	0800	1116	35+1	270		0011	745	1	445	150									
			OBS	0800	1116	35415	270						15	82								
			STD	0900	0852	3511	273		000%	547	1	5 5 3	14									
			08S	0900 0928	0552 0826	35108 35099	273						140									
			085	0940	0763	35036	273						140									
			065	0978	0732	35015	274	-1					140	764								
			STD	1000	3612	349#	274		0007	639	11	540	149									
			08S 08S	1000	06 72 05 79	34973	274						149									
			STO	1100	0542	3498	276		0006	545	1	754	149									
			085	1100	0542	34980	276	3					149									
			STO	1200	0501	3499	276		0005	560	1	766	14									
			OBS STO	1200	05. 1 0460	34441	276		0000	.61	1.	b_1	149									
			085	1300	046)	34785	277		00,,,			- 64 6	149									
			STD	1400	0447	3497	277	7.6	00.14	.35	1.	372	149	917								
			OBS	1400	0440	34993	277		200	015			149									
			STO DBS	1500 1500	0419	3497n	277		0004	415	1	301	149									
			003	1300	0414	747.11	6//	0					14	- 2 -								

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE	SHIP	LATITU	301	LON	GITUGE	*DC.Te	MARS	DEN	STAT	ON TI	ME	YEAR	Car	OBIGIN	ATO		7	DEFTH	DEP	ÎN		A TIONS	WEA-	CLOUD			NI SEA	TION	
CODE NO.	COOF	•	1/10		11/10	8 2 -	10°	1"	WO [AY H	R.1/10		N	10.	MUM		- 1	101104	S'MP	r.2 0	щ ис	PER SEA		TYPE AM	1		NU	MBER	
318028	IRC I	3744	ZN	062	178w	1	115			8 0	71	1967	A S	53 00			4	792		2	1 2	1	X 2	03			0	026	
								COLOR			71N D	BAB		AIR TE	MP, '		VIS	NO.	- 5	PECIAL									
								COLOR	TEANS.	DIA.	FOIC			BULB	RU	LB C	001	OBS.	OBSE	RVATIO	IN S								
								DI	SD	22	520	14	4	182	1:	7	7	31											
	MESSENGE TIME	CAST HO.	CAI	0	DEPTH 6	m I	1	°c	5	٠/	SIG	M A -T	SPE	CIFIC VOLU	M.I	≨ /	\ D	\$0	UNO	0,			TOTAL-P	NO2-N	NO3-		O4−5,	βH	2
	HB 1/10	1 10.	TYP	1							₩			40×X(1-X)		z	103	VEL	OCIIY		,	19 - 61/1	μg + st/(ug = 01/1	νg - el	T PI	a + et/I	,	c
		1	1	-	0000	, }		1//	2	,	1 2 5	0.0	1	0 2220	,	20	0.0	1, ,	207		1					ļ			
	0.72	,	51 089		0000			266 266	363		25	08	00	02889	1	00	00		307										
			51		0010			267	363			08	0 (02896	6	00	2 B		309										
			089		0010			267 267	363		25	08	0.0	02961	5	00	5.7		309										
			085		0020			267	363			08		02.01	,	0.0			310										
			51		0030			267	363			80	00	02906	3	00	87		312										
			085		0030			267 268	363			08	01	02916	9	01	45		312										
			085		0050			268	363		25	0.7						15	315										
			51		0075			266	363			0.8	00	02923	9	02	18		320										
			089		0075			268 264	363			86							320										
			5.1	C	0100		2	137	365			59	0 (02447	5	02	85		292										
			089		0100			137	365			59 91	0.	02143		03			292										
			069		0125		21	:22	365			91	00	02143	7	0,5	4 2		266										
			51	0	0150)	1	928	365	6	26	17	0.0	01904	5	د 0	93	15	245										
			085 S1		0150			928 374	365			31	0.0	01792	n	04	A-		245										
			089		0200			374	365			31			_		-	-	238										
			\$1		0250			344 844	365			37	0 (01754	5	05	74		237										
			0BS		0250			810	365			44	0.0	01703	d	06	60		235										
			085	6	0300		1	810	365	35	26	44						15	235										
			085		0400			763 763	364		26 26	51	0 (01067	1	08	20		238 238										
			\$1		0500			712	363			57	0.0	01642	1	09	94		238										
			085		0500			712	363			57							238										
			089		0539			592 550	363		26 26	54							238										
			51		0600			564	36.			69	00	01550		11	54		206										
			085		3600			64	360			69							206										
			085		0700			351 351	357			89	00	01365	3	13	uū		150										
			089		0745		1.	274	356	26		95							130										
			089		0749			239	35c			01	0.0	01183	7	14	2.7		119										
			089		0800			121	354			08	00	01103	,	T-4	c /		084										
			OBS	5	0844	4	0	089	350	48	27	20						15	039										
			088		0900			374	351			28	00	00980	1	15	35		007										
			51		1000			541	350			52	01	00724	7	16	21		932										
			085		1000			541	349			52			_				932										
			51 085		1100			535 535	349			64	0 1	00662	U	10	8 /		906										
			085		1104		0	524	349	75	27	65						14	902										
			S1		1200			+86	349			70	01	00543	9	17	44		903										
			089		1200			486 459	349			70	0.6	00521	1	17	98		903 908										
			085	5	1300	0	0	459	349	76	27	72						14	908										
			5.1 08.5		1400			445	349			74	0.0	00510	1	18	49		919										
			51		1500			445 429	349			76	0.0	00497	7	16	99		950										
			089		1500			29	349		27								929										

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

							71-002		minuc	C.								
REFERENCE CIEV ID.	SHIP	LATITU	ID8	LONGITUDE	MARSDEN SQUARE	STATION T	TEAL	ORIGINA CRUISE S	ATOR'S TATION	DEPTH TO	MAX, DEPTH OF	085	WAVE ERVATIONS	WEA	CLOUD		5	NODC TATION
CODE NO.	-	3744	7/10	1/10 06217dw	115 72	11 18 C	088 196	NO. N	U M BEB	4892	S'MPL"		5 1	X 2	179 AM	7	\rightarrow	0027
318028	I K C	2144	ZN I	005110#	W	ATER V	WIND B	ARD- AIR TEN	AP TO VIS	NO.	SPE	CIAL	2 1	1 112	1012	1	,	00211
					COLO		FORCE (mbat BULB	WET COO	DEPTHS	OBSERV	ATIONS						
			1			18	515 1	69 167	148 7	07			FO ₄ -P	TOTAL-P	ноэ-н		SI O4-S	
	HR 1/1	DE NO	TYPE	DEPTN	(m) T °C	s */	SIGMA -T	AHOMALT-11	Mt S ∆ D X 10 ³		CITY	Op m1/1	уд = a1/1	10 TA L = P	NG - 01/1	NO3-N PR = 81/1	hū - 01/g	gH
	08		OBS	T1046	6 0585	34990	2758			149	916		1					
	08		OBS	T220	9 0371	34974	2782			150	24							
	38	8	OBS	280	5 0330	3497 34968	2783 2785			151	109							
	0.8	8	085	D 30 n (T 34 n)		3497 34960	2787 2 7 90			151 151	881							
	0.6	8	OBS	3930 0 4000		34933 3493	2790 2790			152								
	08		085 085	T445	7 0231	34915	2790 2790			153								
	00	0	003	400	0231	34-17	2170											
REFERENCE					MARSDEN	STATION TI	ME	ORIGINA	TOR'S	DEPTH	MAX.		WAVE	WEA-	Cronb			1000
1	SHIP	LA TITUO	E	LONGITUDE 1/10	MARSDEN SQUARE	HO DAY H	YEAR		ATION	10	OF S'MPL'S	Caze	RVATIONS	THER	CODES			ATION UMBER
318028	RC	38086		62438w	115 82	11 19 0	03 196			+572			4 3	x 2	0 3			0028
					COLOR	TRANS DIR	SPEED ME	RD- AIR TEM		NO. OBS. DEPTHS	SPEC OBSERVA	IAL						
					ODE	(m) 01~	FOECE Im	bat RULB	160 7	36								
[.	MISSINGE	CAST	CARD	DEPTH W		5 %.	SIGMA-T	SPECIFIC VOLUM	. ₹ Δ D	sou	ND	0 2 ml/l	PD:4-2	SOTAL-P	ND2-H	NO3-N	51:04-51	ρH
1	TIME HR 1/10	NO.	TYPE		-		,,,,,,,,,	ANOMALT-ETE	x 10 ³	VELD	CHTY		28 1 81 C	24 × 01/1	±g = at/1	99 1 81 T	ug = at/1	,
- 1		1 }	STD			3620	2505	0029227	0000	152					1			
	003		085 ST0	0000		36205 3621	2505 2505	0029275	0029	152 153								
			085 510	0010		36207 3621	2505 2505	0029304	0058	153 153								
	002		085	0020	2238	36208	2505	0029325		153 153	01							
			510 085	0030	2239	3621 36214	2505 2505			153	03							
			OBS	0050		3624 36245	2506 2506	0029321	0146	153 153								
			OBS STO	0068	2250	36306 3636	2509 2515	0026493	0418	153 153								
			085	0075	2241	36361	2515			153	13							
			OBS	0100	2390	3639 36386	2559 2559	0024396		152	78							
			OBS	0125		3637 36374	2594 2594	0021230	0341	152 152								
			STO		1845	36282	2615 2615	0019282	0292	152 152	19							
			0B5	0156	1811	36285	2625			152	109							
			OBS STD	0172		36312 3632	2625 2638	0017230	0483	152 152								
			085 085	0200		36323	2638 2644			152 151								
			STO		1729	3636 36357	2650 2650	0016240	0567	152	J1							
			OBS	0290	1728	36356	2650			152	38							
			STD OBS	0300		3634 30345	2654 2654	0016029	0648	152 152	04							
			085 085	0335		36255 36211	2659 2661			151 151								
			5 T C		1573	3605 36046	2663	0015430	0805	151	75							
			0B5 0B5	0462	1409	35786	2679			151	30							
			OBS STO	0500	1371	35829 3577	2680 2686	0013374	0949		24							
			OBS STE	0500		35775 3549	2686 2701	0012096	1076	151 150								
			085	0600	1188	35448	2701	0010312		150 150	75							
			08\$	0700	0972	3523 35226	2720			15	112							
			OBS	0800 0800		3507 35067	2733 2733	0008970	1285	149	965							
			085 5 T 0	0870	0639	34996 3499	2752 2756	0000667	1363	149								
			085	0900	0609	34994 34976	2756			149	03							
			OB5		0489	3498	2764	0005287	1423	148	370							
			OBS ST	1000 1100		34976 3498	2769 2772	0005057	1475	148	376							
			OBS	1100	0463	34976 3497	2772 2775	0004856		148	376							
			085	1200	0439	34975	2775	0004776		148	383							
			OBS	1300	0424	3497 34972	2776 2776	0004776		148	394							
			0B5	1374 1400		34969 3497	2777 2777	0004701	1620	149								
			065	1400	0419	34969 3497	2777 2778	0004683		149	Q (4							
			ST0			34973	2776	0004003	1001		919							

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE	SHIP	LATITU	OE 1	ONGITUDE	PAUFT BNDC TB	MARSDEN	STATION THE	ΑE	YEAR	CRUISE	RIGINA	TOR'S		DEPTH	UEFIF	D85	WAVE ERVATION	s	WEA-	CLOUB			NODC	
CODE NO.	C008	•	1/10	1/10	0 3	10" 1"	MO DAY HI	.1/10		NO.	N	UMBER		10770	M S'MPL	S DUL	HGT PER	\${A	CODE	TYPL AM			NUMBER	
318028	RC	3837	6N 0	62530w				39	1967				-	4865		22	4 2	-	K1	0 3			0029	1
						COLOR		SHIO	BAR MET	o.	IR TEM	WE?	COOR	ND. OIIS.	SPI	CIAL								
						CODE	im!	FORC	e (min	el Bi	JL0	801.8	+	OLFIN	5 04362									
		,				DT	50 22	522	0.7	0 21) 2	182		3.8	1			-						_
	MESSENGE	CAST NO.	CARD	DEFTH	(m)	7 %	s */	SIG	1-AM	SPECIFIC	VOLUA	۶۱ ő	A D	SC VE	LOCITY	D 2 m1/1	PO4=P		TA (P 0 1/10 - g	NO2=N ug - el/I	NO3=N	51 O4-5		S C
	HR 1/10	-	-				-	-					x 10 ³	+			170	+			P4 - 0	74 - 20	1	+
	1	1	! ST0	000	0	2278	3635	25	04	0029	9290	10	000	15	310		1	1	1		l	1	1	11
	039		085	000	0	2278	36351	25	04						310									
			STD 085	001		2279	3635 36351	25		005	3357	0	029		312									
			STO	002		2279	3635	25	04	002	396	0	058	15	313									
	003		085	002		2279	36351	25		000					313									
			ST0	003		2278 2278	3635 36351	25		002	400	5 0	088		315									
			STD	005	0	2278	3636	25	04	002	9450	0	147	19	318									
			085 085	005		2278 2284	36356 36415	25							318									
			085	006		2241	36435	25							312									
			STO	007	5	2264	3665	25	31	002	7064	0	≥17	15	322									
			085 085	007		2264	36647 36692	25							322									
			STD			2094	3667		80	002	2478	0	279		282									
			085	010		2094	36666	25					2 2 2		282									
			ST0 OBS	012		1928 1928	3647 36468	26	09	001	1116	5 0	332		239									
			085	013		1838	36321	26	21					15	213									
			085	014		1879 1859	3655 3656	26		001	750/		379		230									
			ST0	015		1859	36561		34	001	7704		217		5225									
			STO	020	0	1788	3651	26	47	001	5370	0	463		212									
			085 ST0	020		1788 1748	36507 3646		53	001	968	3 0	544		212									
			085	025	0	1748	36456	26	53					1:	8056									
			STO			1679	3632		59	001	5547	7 0	623		5194									
			08S ST0	030	0	1679 1384	36316 3580		159	001	320:	3 0	767		5112									
			085	040	0	1384	35797	26	85						112									
			085 085	042		1238	35546 35411		96						5065									
			STO			0998	3525		117	001	0188	9 0	884		4988									
			085	050		0998	35246		17						4988									
			085 510	054		0861 0757	35117 3504		129	000	804	3 0	975		4943									
			085	060		0757	35036	27	139	000				1	4912									
			085	964		0662	34996 34945		149						4881									
			085 085	064 069		0608 0549	34945		756						4839									
			STO	070	0	0567	3494	27	757	000	6235	5 1	046	1	4852									
			085 085	070		0567 0549	34938 34969		757 761						485Z 4848									
			085	072	5	0496	34950	27	766					1	4827									
			STO	080	0	0484	3495	27	167	000	5222	2 1	103		4835									
			085	080		0484 0504	34946		767 768						4835									
			STO	090	0	0468	3498	2.7	772	000	4831	8 1	154	1	4845									
			0BS	090		0468	34985 3499		772	000	4744	4 1	202		4845 4856									
			085	100		0454	34988		774	000			-56		4856									
			5 T C	110	0	0436	3499		776	000	4625	5 1	248		4865									
			08S	110		0436 0418	34988 3498		776	000	454	1 1	294		4865 4875									
			085	120	0	0418	34981	2.7	777					1	4875									
			STO			0408	3498 34976		778	000	454	3 1	340		4887 4887									
			085 ST0	130 140		0408 0398	34976		778 779	000	4515	5 1	385	1	4900									
			085	140	0	0398	34975	27	779					1	4900									
			085	148	5	0397	34971	27	779					1	4914									

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

ID.	SHIP	LATITU		NGITUDE 1/10	MA SQ	JARE .	STATION TI		RASY	CRUISE NO.	DRIGIN	TATIO)N	7	TO OTTOM	DEPTH OF S'MPL		WAVE ERVATION!		WEA- THER CODE	COOES			NODE STATION NUMBER	e R
8028	D.C	3900	1/10 3 N O E	3071w	115		11 19 C		1967		-		L.A.	4	854	SMPL		5 2	LA .	X 1	0 3		- +	0031	-
.0020	1100	2700	J. 1 0 0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1-4-	WAT	TER W	IND	BARG	0	AIR TE	MP T		15	NO.	SPI	CIAL	- ((
						COLOR	TEANS. DIR.	SPILD OR FORCI	AA ETE	ER .	DRY	WE	7 00	100	OBS. DEPTHS	OBSER	VATIONS								
						DT	SU 21	525	04	1 1	83	17	6 7	,	38										
	MESSENGR TIME	CAST	CARD	OEPTH U		r to	5 */**	SIGM			VDLU	M.I.	ΣΔ	D	sou	ONI	02 mi/l	PO4-P	lot	AL-9	NO2-N	NO,-N	4-1		_
	HR 1/10	NO.	TYPE	GEFIN	"	, ,	,	316 #		ANDN	(A)(-11	07	₹ ∆ DYN, x 10	p ³ .	VELO	CITY	03 mizi	4 Q = 41			46 - 5t	yg - v	h 3 3)	P PH	
	057		51D 085	0000		770	3500 35000	253		002	620	5	000	0	151										
	0 3 1		510	0010	1	770	3500	253	3 7	002	620	2	002	6	151	158									
			085	0010		770	35005	253		000		,	005	2	151										
	002		5T0 085	0020		774	3502 35020	253		0.0.2	622	0	000	2	151										
	002		STD	0030	1	780	3504	253	3 7	002	625	0	007	8	151	164									
			085	0030		780	35040	253					017		151										
			51D 085	0050		798	3508 35080	253 253		002	644	4	013	1	151										
			085	0068	1	795	35275	255	51						151	178									
			STD	0075		429	3548	265	51	001	550	6	018	13	150	069									
			085	0075		389																			
			085	0085	1	589									, -										
			5TD 085	0100		501	3589 35893	266		001	405	5	055	0	151										
			085	0119		496	35874	266							153										
			085	0121	1	3 7 3	35785	268							150										
			5TD 085	0125		393	3577 35773	268 268		001	277.	Z	025	4	150										
			STD	0150		348	3575	268		001	213	8	0 4 8	5	150	159									
			DBS	0150		348	35747	268							150										
			085 51D	0180		291	35687 3558	269		001	1120	6	034	. 3	150										
			085	0200	1	224	35576	270	1						150	23									
			5TD 085	0250		057	3538 35380	271		000	966	5	039	5	149										
			STD	0300		947	3523	272		000	9041	0	044	2	149										
			085	0300		947	35229	272							149										
			085 085	0348		766	34910 35096	272							148										
			085	0380	C	776	35104	274	-1						148	884									
			STD	0400		727	3508	274		000	6910	0	052	2	146										
			085 085	0400		727 689	35085 35029	274							148										
			085	0453	C	648	35046	275	5						148	145									
			085	0464		648	35043	275		000	5520	0	058	,	148										
			510 085	05 00 05 00		5 7 7 577	3502 35016	276	14	000	5529	7	0 2 8	4	148										
			085	0544		546	35028	276	6						148										
			085 5TD	0570		499 488	34984 3498	276		000	4824	4	063	6	148										
			085	0600	0	488	34976	276	9						148	104									
			STD	0700		461	3499	277		000	4475	5	008	2	148										
			085 510	0700		461	34993 3500	277		000	4 1 5 4	4	072	6	148										
			085	0800	0	444	34996	277	6						148	19									
			5TD 085	0900 0900		426 426	3499 34989	277		000	4606	5	076	9	148										
			510	1000		409	3498	277		000	4212	2	081	2	148										
			085	1000	0	409	34984	277	9						148										
			5TD 085	1100		398 398	3497 34975	277		000	4260	4	045	4	148										
			STD	1200	0	389	3497	278	0	000	423	7	089	7	148	162									
			085	1200		389	34972	278		0.0	. 22		002	^	148										
			510	1300		380 380	3497 34969	278 278		000	4236	D	093	4	148										
			STD	1400	0	374	3497	278	1	000	4259	9	098	1	148	90									
			085 5TD	1400		374 369	34968 3497	278 278		000	. 201	1	102		148										
			311	12(10		207																			

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE					1		. 1				1	NAC IN	A TOR'S			A	AX.			1	1				,
CTET 10.	SHIP	LATITU	301	LONGITUDE	Delift	SQUARE	۱'	STATION THE	WE	YEAR	CRUISE	\$	HOITAT		OEPT	N DE	OF	OBS	WAYE ERVATIONS	WEA	COOES			NODC	
CODE NO.			1/10	1/10	-	10° 1		MO OAY H			NO.		UMBE	k .	*OTTO		APL'S		HGT PIR SI		1111 A.M	_		UMBER	
318028	RC	3924	3N (063398w		115 9			89	1967		01		ب ا	479	_		26	5 2	X1	0 3			0031	
						co	WAT		IND	BAR MET	۰.	ORT TRA	AP, °C WET	VIS	NO.		SPEC	ATIONS							
						cc	DE	TRANS DIR	POR	e (min		ULB	BULB		OEST	HS OF	356.43	- IIONS							
						D	Т	50 30	520	03	2 1	53	149	7	31										
	MESSENGI	CAST NO.	CARC		(m)	r 10		s ./	sic	T-AME	1MCIFIC AHOM	VOLU	ME C	A D	, s	ELOCIT		03 ml/l	PO4=P 24 = 01/1	TOTAL-1		NO3-N va - at/1	SI O4-5		100
	HR 1/10	1-				-			-				+	1 10 ³	+		+		74	,,		98-401	74 - 6.0		+
		1	 5T(0 000	n	177	0	3507	25	40	002	5871	٦ ر	0000	1	5160	٦		1		1	I	1	1	1
	089	,	OBS	000		177		35075		40						5160									
			STO			177		3508		40	002	5894	4 C	025		5161									
			085	001		177		35076		40	00.7			063		5161 5161									
	002	,	\$10 0B5	002		178 178		3508 35084		40 540	002	284	9 L	051		516									
	002	•	510			177		3508		40	002	594	2 0	077		5164									
			085	003		177		35076		640						5164									
			085	003		160		34993		74						5113									
			0B5	004		152 142		35041 3549		96 52	001	5381	8 0	119		5065									
			085	005		142		35486		552	501	0 (- 4 7	1	5065	5								
			085	005	5	141	4	35716	26	573						5064									
			085	006		144		35816		73	003	222		153		5078									
			5TI 0B5	007 007		131 131		3561 35613		585 585	001	2331	0 (1100		5039									
			511			137		3576		85	001	2426	6 (184		505									
			OBS	010	0	137		35759		85				_		5059									
			511			129		3559		587	001	226	4 ()215		5030									
			OB5			129 121		35588 3545		5 87 592	001	185	1 (245		503									
			085	015		121		35446		592	001	103	• '	, ,		501									
			085			108		35319	2	706						496									
			5 T			103		3526		712	001	003	6 (300		495									
			085			103		35265 3514		712 726	000	870	9 (347		495									
			5T			089		35136		726	000	0,0		,,,,,,		490									
			51			075	4	3505	2.	740	000	738	1 (387		486									
			085			075		35051		740						486									
			085 51			066		34993 3499		748 755	000	598	8 ()454		483									
			085			060		34991		755	000	- , 0				482									
			5 T	0 050	0	053	5	3499	2	764	000	521	2 (0510		480									
			085			053		34986		764						480									
			0B5 5T			050 049		34983 3499		76B 770	000	475	6	0560		480									
			085			049		349B8	2	770					1	480	5								
			5 T	D 070	0	047		3500		772	000	466	3 (0607		481									
			085			047		34996		772	000	432	7	0652		481									
			51 085			043		3498 34984		776 776	000	452	,	0004		481									
			51			042		3498		776	000	435	1	0695		482									
			085	090	0	042		34976		776						482									
			51			040		3498		778	000	426	2	0738		483									
			0B5			040		34976 3498		778 780	000	415	5	0780		483 484									
			085			039		34976		780						484									
			ST	0 120	0	038	88	3497	2	780	000	425	2	0822	? 1	486	2								
			085			038		34969		780	000	421	ρ .	0869		486									
			5 T 0 B 5			038		3497 34971		781 781	000	421	0	,00:		487									
			5.1			037		3497		781	000	427	7	090		489									
			085	140	0	037	7	34970	2	781					1	489	1								
			51			037		3498		782	000	423	2	0950		490									
			085	150	U	037	rO	34976	2	782					1	490	1								

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

																_		MAX	_		T	CLBUD		_		
REFERENCE	SHIP	LATITU	DE	ONGITUDE	DBJFF 4DC Fe	SRAM UO2	OEN	ITAT2	DN TI	WE	TEAR	CRU		TATIO	v.	1	10	DEPTH	OBSE	WAVE ERVATIONS	WEA.	CODES		5	NODC TATION UMBER	
COOR NO.	COOF	•	1/10	1/10	103	10*	1. /	40 D	AY H	R, 1/10		NI	O. h	HUMBE	R.	-	$\overline{}$	S"MPL"	+	HGT PEB SEG		TIPE AM				
318028	RC	3949	4N 0	63595w		115				17	1967	A S	53 01			47	18		26	6 2	X1	0 3	1		0032	
							WAT	_		SPEEL	BAR		AIR TE/	WET	VIS	LJ o	40, 385.	SPE	CIAL							
							CODE	TRANS.	DIR	701C			BULS	HULI		DE	PTHS	OBJEKA	AHONS							
							OT	50	26	523	05	0	148	12:	1 7	2	29									
	MESSENGO TIME	CAST	CARD	OFFTH	(m)	,	*c	2	٠/	SIG	MA-T		UJOV DINE	An E	≨ ∆ C	Q.	sour	NO	02 ml/l		TOTAL-P		NO3-N	SI O 4-S	pН	S C
	HR 3/10	NO.	TYPE							1		AN	IUM ALT-EI		z 10 ³	_	VELO	CIII		NO + B1/1	98 + 91/I	₩g • q1/1	⊌@ = #1/1	ыg − e1/I		-
						ĺ				١				_ 1.			161							(11
			STO				784 784	352 352			53	ΟĽ	2467	2 1	0000	,	151 151									
	117		085 510	000			789	352			52	0.0	02471	5	0024	4	151									
			085	001			789	352			52						151									
			510				796	353			54	00	2459	4 1	0049	9	151									
	002		085	002			796 809	353			54	0.0	02464	7 1	0074	4	151									
			5TD	003			809	353		25	54						151	77								
			085	003	6	1	827	354	45		56			_	012	2	151									
			512				821	354			58	00	02428	9	0122	4	151									
			085 085	005 005			821 617	354			05						151									
			510				441	356			63	0.0	01442	3	017	1	150									
			085	007			441	356			63						150									
			085	00a 010			389 359	356			675 83	0.0	01260	4	040!	5	150									
			085	010			359	356			83		01-00				150									
			085	011			353	35€			84						150									
			510				286	356			95	0.0	01151	2	023!	5	150									
			085	012			286 216	356			98	0.0	01128	2	026	3	150									
			5T0	015			216	355			98		01120	-	0 2 0		150									
			5 T (1	880	353	3 7		711	0	01013	В	031	7	149									
			085	020			088 953	353			711	0	00923	6	036	5	149									
			085	025			953	352			721		00723	,	0 - 0		149									
			510				839	35			733	0	00816	. 4	040	9	148									
			085	030			839	35			733	^	00633		048	1	146									
			5T0	040			643 643	350			752 752	0	0(10 3 3	10	040	1		834								
			085	046			553	349			763						148	807								
			5T	0.50	0.0	0	531	349	99	2	765	0	00513	16	053	9	148									
			085				531		990		765 770	0	00472	7	0 > 8	8	148	805 834								
			085	060			489	349			770	J	00472	. 1	0-0	0		804								
			51				451	34		2	773	0	00449	4	063	40		805								
			085	070			451		975	_	773		00//0		007	0	148	805								
			ST	080			436	34	98 977		775 775	0	00440	12	007	3		815								
			085 51				436	34			776	0	00438	16	072	2		828								
			085	090			427	34	978	2	776						148	828								
			ST				411	34			778	0	00430) 5	076	6		638 838								
			085	100 0 110			411	34	975		778 778	0	100430	15	080	9		853								
			5T 085	110			1405		90 978		778	0		, ,			14	853								
			51				1394	34	97	2	779	0	10042	78	0 0 5	2		865								
			085	120			394		975		770		004.20	. 0	089			865								
			5T 085	D 130 130			388	34	97 966		779 779	O	000435	20	004	2		879								
			51				379	34			781	0	00,428	34	093	8	14	892								
			085	140	00	C	379	34	973	2	781							892								
			5.7				371	34			781	0	000428	88	098	31		905								
			085	150	00		371	34	969	2	781						14	703								

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE						. 2	MZE	INEN	STATIO	V TILLE	D.		_	DRIGIN	ATOP'			T w	GAT T		WAVE		Signi	1			7
CODE NO.	CODE	LATITI	1/10	LONG	17UQE 11/10	PADCT	101	A P E	167	THE L		YEAR	CRUI	SE S	TATIO	N	DEPT TO BOTTO		OF APL'S	OBSE	RVATIONS	THER CODE	CLOUD			NOOC STATION NUMBER	
318028	RC	4013		064	214W		151	1	11 19	_	-	967	+	_		-	451		_		5 2	×1	0 3	1	-	0033	-
								WAT	-	WIN	PEID.	BAR	0.	AIR TEA	MP °C	vis.	NO.	Ť	SPECIAL	7							,
								COLOR	TRANS.	IR. p	0101	(m)	11	DRY BULB	BUL	(000)	DEPTH	(5) 0115	SERVATIO	N S							
							,	10	50 2	7 5	30	0.2	6	133	11	5 7	35										
	MESSINGS TIME HIL 1/10	CAST NO.	CARC		DEPTH (m1	T	΄ς	5 */		SIGN	1 = A = T	SPECI	HC VOLU	M E 07	X 103		OUNG		m1/1	PG4=P #8 = 8171	1074L-P	NQ3-N	NO3=N vg = 81/1	\$1 Oa-		3
		1	ST		0000)	1	504	3464	- 1	254	. 8	0.0	25135	, 1	0000	1	510			1						
	145	,	085		0000)	1	504	3463	6	254	8					1	5102	2								
			ST 085	D	0010			504 504	3463		254 254		00	25174	4 (0025		5104 5104									
	002	2	085		0015	,	1	519	3467	6	254	7					1:	5109	9								
			511 085	D	0020			519	3469		254 254		00	2508	8	050		5111 5111									
			085		0026			527	3471		254							5114									
			51	0	0030			60	3490		255		00	24558	В (0075		5127									
			085 085		0030			560 749	3489 3527		255 256							5127 5161									
			5 T	0	0050		10	551	3572		262	0	00	1839	1 (118	15	5138	8								
			085 085		0050			551 578	3572 3604		262 263							5138 5151									
			085		0065	,	10	662	3607	4	264	5					1:	5148	8								
			5TI 08S	D	0075			534	3607		265 265		0.0	1554	9 (160		5141 5141									
			085		0085		1	589	3604		266 266							5128									
			5 T	D	0100		1 !	524	3593	- 1	266	5	00	1431	2 (197		5109									
			085 STI	D	0100			34	3592 3578		266 267		0.0	13566	5 (232		5109 5083									
			085		0125		1	34	3577	9	267	3					1:	5083	3								
			5T	D	0150			369 369	3572		268 268		00	12784	6 () 465		5065 5065									
			ST	D	0200		1	209	3546		269	5	00	11688	в (326		5016									
			085 STI	n	0200			209	3546 3526		269 271		0.0	10166	. ,	381		5016 4960									
			085		0250		10	34	3525		271		00	10100) (1201		4960 4960									
			5T1	D	0300			394 394	3515 3515		272		0.0	n8738	В (0428		4916									
			511	0	0300			07	3482		272 274		0.0	07224	4 (508		4916 4817									
			085		0400		0.6	07	3482	1	274	2					14	4817	7								
			085 085		0420			580	3484		274 274							4010 4021									
			085		0484		0	539	3490	2 .	275	7						4804									
			0BS	0	0495			549	3491		275	7	00	0597	, ,	0574		4811									
			085		0500			531	3487		275		00	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,)) ! 4		4801 4801									
			085		0505			96	3486		276							4790									
			5T	U	0600			478 478	3493		276 276		0.0	05069	9 ()629		4799 4799									
			ST	0	0700)	0	+68	3497		277	1	00	04718	в (0678	14	481									
			OBS ST	D	0700			468	3497		277 277		0.0	0443	7 (1724		4812 4821									
			085		0800)	0	450	3499	5	277	5	00	0 3			1	4821	1								
			OBS	0	0900			+30 +30	3498		277 277		00	0440	1 (768		4830 4830									
			ST		1000			116	3498		277		00	04353	3 (812		4030 484(
			085		1000)	0	+16	3497	7	277	7	0.0	06.22			1 -	4840	3								
			5T	U	1100			804	3498		277 277		30	0433	4 (0655		4854 4854									
			ST	0	1200		0	394	3497		277	9	00	04341	в (099	14	4664	4								
			085 5T	0	1200			394	3496		277 278		0.0	04336	в с)442		4864 4860									
			OBS		1300		0:	390	3497	3 ;	278	3					14	4680									
			5T0)	1400			84	3497	1	278 276	0	00	04362	2 (986		4894									
			\$T	0	1500			384 375	3497		276 278		00	04294	4	029		4894 4907									
			OBS		1500			375	3497		278							4907									

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

Laccornar I	,													Т			1	-				7
CTAT ID. CODE	LATIT	JDE L	ONGITUDE		SDEN	STATION T	ME	YEAR	CRUISE	RIGIN	ATOR'S		DEPTH	DEPT	TH OIL	WAVE SERVATIONS	WEA- THER				CCOM MCITA*Z	1
C006 NO.	ļ.	1/10	1/10	Z 10°	1"	MD DAY	R,1/10		NO		UMBE		BOTTOM	S'MP		MGT PER S	CODE	TOPE AND	1		NUMBER	
318028 RC	4038	191 0	64390W	151	0.4		176	1967	A 5 3	014			4133		26	5 3	× 1				0034	i ₁
					CDLOS		VIND	BARC		R TEA		V15	NO.	SI	PECIAL							
					CDDE	TRANE DIR	1010	d (mbs		LB	MET	CODE	DEPTHS	DIZE	RVATIONS							
					ОТ	SD 28	532	00	5 17	28	106	7	2.8									
MESSEN	GE CAST	CARD	DEPTN (m		₽	5 %.		MA-T	SPECIFIC	VOLU:	ME 3	YN. M	501	UND	02 ml*	PD4=P	1014L-P	N.DawN	N^ 1-N	21.744		5
HR 1/		TYPE	DEFIN ON	' '		3 745	310	MA-1	ANOM	47-B10	,, ,	я 10 ³	VELO	DCITY	D3 wl.	μg − 81,1	will - 81/1		16 0	1 -4-0		
																				+ -		
		STD			108	3614		36	0026	5278	3 0	000		264								
17	76	085 S T D	0000		108	36138 3613		36	0026	. 37/		026		264								
		OBS	0010		109	36135		35	0020	,,,,	, ,	020		265								
		STD	0020		109	3613	25	35	0026	40	7 0	052	15.	267								
00	2	OBS	0020		139	36135		35				_		267								
		510	0030		109	3613		35	0026	445	0	379		269 269								
		085 085	0030		572	35515		50						199								
		510	0050		009	3641		63	002	938	3 0	127		249								
		OBS	0050		009	36413		83						249								
		085	0060		989	36354		84				17,		244								
		STD	0075		569 569	3562 35616	26 26		001	458	3 (1	176	15	115								
		085	0090		448	35456	26							378								
		ST0	0100		500	3589		67	0014	091	. 0	۷16	15									
		085	0100		500	35886		67	001		, ,			101								
		510 085	0125		420 420	3576 35758		75	001:	1431	0	250		078								
		OBS	0130		384	35761	26							067								
		STD	0150		391	3578		8.3	0012	745	0	283		073								
		OBS	0150		391	35781	26		0011	30.	, ,	3 / 3		073								
		STO OBS	0200		263 263	3565 35653		99	0011	302	. 0	343	150									
		STD	0250		123	3541	27		0010	587	7 0	198	149									
		085	0250		123	35413	27						140									
		STD	0300		022	3528 35285	27		0009	876	0	449	149									
		SID	0400		759	3507	27		00C7	512	. 0	536	148									
		085	0400		759	35067	27				_		146									
		STD	0500		611	3500	27		0006	087	0	604	148									
		OBS	0500		611	35001	27		2005	15.3		- (0	148									
		STD	0600		509 509	3497 34966	27		0005	100	, ,	060	148									
		SID	0700		468	3499	27		0004	59?	0	709	148									
		085	3700		468	34989	27					_	148									
		STD OBS	0800 0800		44I 441	3498 34982	27		0004	420	Û	754	148									
		STD	0900		425	34982	27		0004	373	0	79H	148									
		OBS	0900	0.4	425	34976	27						148									
		510	1000		413	3497	27		0004	336	0	041	148									
		0BS 5T0	1000		413	34974	27		0004	30.2	0	885	148									
		QBS	1100		404	34976	27		3004	200	,	- 0 5	148									
		STO	1200	0	398	3498	27	79	0004	325	0	928	148									
		OBS	1200		398	34976	27		000	110		0.71	146									
		STD OBS	1300		384	3497 34966	27		0004	210	Ģ	971	148									
		STD	1400		380	3496	27		0004	358	10	014	148									
		OBS	1400		380	34964	27						146									
		STO	1500		369	3496	27		0004	325	14	058	149									
		OBS	1500	0.3	369	34961	27	81					149	1)4								

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE SNIP	LATITUO		ONGITUDE SOUTH	MARSO SQUA		STATION ?		YEAR	CRUIS	ONGIN	DITAT	N	01	EPTH TO TTO M	MAX. DEPTH	Onse	WAVE EVATIONS	WEA- THER	CLOUD		51	ODC
10,		1/10	17.10	10°		MO DAY H					NU MBI	Į.			S'MFL"	_	HGT PER SE		Itil AM			UMBER
318028 RC	41040	ON TO	64590W	151	14 WAT		216 VIND	1967	A 5	AIR TE		_	-	38		 -	5 3	X1	0 3		(0035
				-	CODE	TRANS DIR.	SPEED	METE		CRY	WEI		OÉ	ID. IBS. FTHS	SPE OBSERV	CIAL						
				-	DT	50 28	534		-	125	10		4									
MESSENGE		CARO					1	1000	_				4	_								
HR 1/10		TIPE	DEPTH Int	1	€	\$ %.	SIG	T-AM	ANO	MACT-II	0,5	₹ △ 0 01N, A x 10 ²	й.	2001		0 2 ml/i	PO4=P +g = a1/1	TOTAL-P	NO2-N VE - 01/1	NO3-N +0 - 01/1	51 Q ==\$1 µg = 01/1	pH
111111							1-		_				\dashv									
		STD			19	3353	25		00	2557	9	0000		149			,					4
216		08S ST0	0000	12	19	33527 3353	25	43 43	00:	25641	я	0025		149 149	63							
		085	0010	12	21	33526	25		001	204		002		149								
004		STO	0020	12		3352 33525	25		00	2564	5 1	0051		149								
004		085	0020	12		33525	25 25							149								
		STO	0030	12	09	3355	25		00	2529	6 1	0076		149								
		085 STD	0030 0050	12 07		33551 3299	25 25		00	2251)124		149								
		085	0050	07		32995	25		co.	26.71	0 1) 1 2 4		148								
		085	0069	05	48	33125	26	16						147	16							
		08S ST0	0071	05		33296 3336	26		0.0	708	1	1174		147								
		085	0075	05		33356	26		00.	1100	4	3214		147								
		085	0800	05		33356	26							147								
		STO	0100	06 06		3418 34176	26		00	1271	2	211		147								
		085	0107	0.8	48	34427	26	77						148								
		085	0116	06		34281	26	97	00	10931	n .			147	72							
		STD	0125	06 06		34307	26		00.	10931	8 1	0240		147								
		STD	0150	06	76	3451	27	0.8	00	1009	7 (0267		147	99							
		085 085	0150	06 06		34507 34506	27							147								
		085	0165	07		34556	27							148								
		STD	0200	09	09	3502	27	14	000	979	6	0316		149	03							
		08S	0200	09		35016 35196	27							149								
		085	0229	08		35066	27							148								
		STO	0250	06	79	3475	27		000	1845	0 1	0362		148								
		085	0250 0253	06	79	34755 34761	27							148								
		085	0265		09	3496	27							148								
		085	0280	06		34847	27							148								
		08S STD	0288	06 06		34876 3486	27		000	0731	1	0401		148								
		085	0300	06	49	34865	27	40						148	18							
		08S	0328		90 89	34876 34906	27 27							147								
		085	0390	05		34861	27							147								
		STD		05		3486	27		000	05881	0	0467		147								
		085	0400 0422	05 05		34856 34895	27							147								
		STD	0500	04	88	3491	27	64	001	0521	9 ;	0523	3	147	86							
		085 STD	0500	04		34907	27		00	2002	7	3572		147								
		085	0600	04		34941	27 27		UUI	1461	/	12/2		147								
		STD	0700	04		3495	27	7.2	000	0457	3 (0618	3	148	00							
		085	0700 0800	04	40 19	34946 3495	27 27		001	1442	2 1	, 0663		148 148								
		085	0800	04		34446	27		001	,	_ '			148								
		STD	0900	04		3496	27		000)4396	5 (707		148								
		085	0900 1000	04		34956 3496	27		000	14404	4 (751		148 148								
		OBS	1000	04	0.8	34957	27	7.7						148	37							
		STO	1100	03		3496	27		000)4399	5 (795		148								
		OBS	1100 1200	03		34956 3496	27		000)436	1 ()839		148								
		085	1200	03	89	34956	27	7.8						148	62							
		STO	1300	03		3496 34956	27		000)433	3 (882		148								
		08S STD	1300 1400	03 03		3496	271		000	04313	3 (1926		148								
		085	1400	03	72	34957	278	9.0						148	89							
		STD OBS	1500 1500	03		3496 34958	271		000	14351	i (969		149								
		903	1300	0.3	0.4	74790	211	0.1						149	0 4							

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

											,					1					1		_
REFERENCE	SNIP	LATITU	05 1	DNGITUOE 50	M AR	MEG	STATIO	M TIA	ΑE	YEAR		ORIGIN			OEPTH OT	OFF	TN Dec	WAVE SERVATIONS	WEA-	CODES		NOOC	,
CODE NO.	COOE	·	1/10	1/10	10"		AO TO		1/10		CRUI N(TATION		10110	M 5'M	F 1	HGT PER SEA	CODE	TTPL AMI	-	NUMBE	Ř
				. 5 1 0 2	151	15 1	1 2	2 0	16	1967	A 5	3 01			2611	,	29	6 3	X1	0 3		003	6
1 318028	IRC I	4130	5N 100	55182w	101	WATE			IND I			AIR TE			NO.			10 15 1	1 0 2	1012		, 000	~1
						COLOR	HANE	Dift.	SPEED	MET	ER	DRY	WET	C001	COF		PECIAL EVATIONS						
						COOE	I#1	_	POPCI	(mai	\rightarrow	BULB	BULB	+-		"							
						01	50	29	S35	01	9	096	068	7	27								
	MISSINGE	ZAST	CARD	DEPTH (m)		of C	٠,٠	,		MA-T	SPIC	IFIC YOLU	MI 3	E A D	51	OUND	0 2 mi/1	PO4~P	TOTA L-F	NO3-N	NO3-N 5	104-S1	4 6
	HI 1/10	HO.	TYPE	DEPTH (M)	Ι΄	C	,	***	2101	WA-1	ANI	TE-TJAMO	" (x 10 ³	. \ AE	LOCITY	0211171	µg + 81/1	μg = 01/1	49 - 01/	µg - al/1	ug = 01/1 P*	` c
	112 17 10																						
	1	1	STO	0000	1	234	333	3	25	25	00	2733	0 0	000	14	4965	'	, ,					
	016		OBS	0000	1	234	333	26	25							4965							
			085	0005		234	333		25							4966							
			STO	0010		297	336		25		00	12639	3 (1056		4992 4992							
	002		085	0010		297 328	336		25 25		00	2445	2 (052		5008							
			5T0 085	0020		328	339		25		00	12443	٠ .	10) L		5008							
			510	0030		337	340		25		0.0	2441	5 (076		5013							
			085	0030		337	339	96	25							5013							
			085	0040		109	340		26							4937							
			STD	0050		724	335		26		00	1767	9 (118		4789							
			085	0050 0059		724 671	335 335		26 26							4789 4770							
			0B5 5T0	0037		708	341		26		0.0	1309	5 (157		4795							
			OB5	0075		708	341		26							4795							
			510	0100	0	778	345	6	26	9.8	0.0	1103	7 (187	1	4831							
			085	0100		778	345		26							4831							
			510	0125		817	347		27		0.0	1040	5 (1214		4853 4853							
			085	0125		817 796	347		27		0.0	0956	0 1	239	_	4850 4850							
			ST0 085	0150		796	348		27		00	,,,,,,	7 (12 37		4850							
			STO	0200		754	349		27		0.0	0836	1 (284		4843							
			085	0200		754	348		27						1	4843							
			STO	0250		657	348		27		0.0	00742	1 (323		4813							
			085	0250		657	348		27							4813							
			510	0300		581	348		27		0.0	00643	8 (1358		4791 4791							
			085 510	0300 3400		581 517	345		27		0.0	0553	5 () 4 1 8		4782							
			085	0400		517	348		27		0.0	, ,				4782							
			STO	0500		481	349		27		0.0	00492	5 ()47ú		4784							
			OBS	0500		481	340		27							4784							
			STD	0600		458	349			70	0.0	00469	2 (0518		4791							
			085 STD	0600 0700		458 448	349		27	72	0.0	00459	6 1	0564		4791							
			085	0700		448	349		27		00	30427		, - 0 4		4804							
			510	0000		442	349			74	00	00448	4 (0610		4818							
			085	0800	0	442	344	75	27	74						4818							
			SID	0900		418	344			77	0.0	00430	5 (054		4825							
			085	0900		418	344		27							4825							
			STO	1000		405	349			78 78	00	00426	4 1)697		4836							
			06\$ 510	1000		399	349			79	0.0	00426	2 1	739		4850							
			OBS	1170		300	349			79	0(4850							
			STD	1200		389	349			80	0.0	00424	6 1	782		4862							
			085	1200		389	349			CB						4862							
			STD	1300		3 8 1	349			80	00	00428	3 1	0624		4876							
			OBS	1300		381	349			80	0.0	00431	6) B 6 7		4876							
			\$10 \$10	1400		378 378	344			80	01	00401	Ų	1001		4891							
			510	1500		369	349			82	0.0	00425	5	910		4904							
			085	1500		369	349			82						4904							

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE				_ =	MAR	DEN	STAT	'ION I	1AAE				DIIGIN	A TOR'S		DE	PTH	MAE		WAVE	WEA-	Ciout			NDD	7
CTEV ID.	CODE	LA HITUDI		SWELLINGS F	500			GMTI		YEAR	1	RUISE		TATION UMBE		108	0	OF		ERVATIONS	THER	CODES			NDDI STATIO NUMB)% {9
CODE NO.			1/10	1/10	30"	1		DAY			-	NO.			-			, or bri		NGT P(8 164	-	717] A.M.				_
318028	RC	41540	N 36	1 40046c	151				52	196	7	A53			$\overline{}$	07			28	5 2	×1	0 3			003	3.71
						COLOR		_	SPEE		A RO-	-	LIR TEA	WET.	VIL	NI DI		SPE	CIAL							
						CODE	TRANS.	DIR.	FOR		nha)		ULB	BULE	100	110	THS) # 75 K A	ATIONS							
						DT	SD	27	532	2 0	22	1	34	090	7	128	8									
	MESSENGE				T		1	,	1		Т			:	^ D		SOUN	т.		100				r. n		[,
	TIME	H NO.	CARD TYPE	DIPTH (m)	T	°C	5	٠/	\$10	GALA-T		ANOM	ALT-E	2, 0	1 10 I	١.	AEFDC		02 ml/l	PO ₄ =P +8 * 41	1014 L=P	NO7-N	00 - 01 NO 2−N	51 D 4=		н (
	HR 1/10				-		+-		+		-			+		+-		-	_	+					+	-
		1		1 2222	1	028	32:	2.3	2/	84		003	115	1 0	000	Ι,	1488	9.0								- 1
	052		ST0 085	0000		028	32			84		003	117		000		148									
	032		085	0006		329	32:			486							148									
			STO	3013		349	34			84		003	117	1 0	031		148	90								
	001		085	0010	1	349	32	376	24	84							148									
			STD	0020		768	3.2			60		002	394	9 0	058		147									
			085	0050		768		786		60							147									
			510	0030		609	325			64		005	357	3 0	082		147									
			035	0030		609 587	325			564							147									
			085 ST0	0032		586	333			29		001	740	1 0	123		147									
			085	0050		586	,,,	,,	2 (3 2 7		001	1 7		+ 2 3		141	-								
			STD	0075		617	34	2.2	26	593		001	140	9 0	159		147	60								
			OBS	0075		617		216		93							147	60								
			085	1000	J	688	349	91P	Σ.	739P																
			STD	0100		856	348			712		000	974	5 0	186		148									
			085	0100		856		386		712							148									
			085	0108		808		020		716							148									
			085	0116		909	350	376		718 724		000	047	3 0	209		148									
			510 085	0125		884 884		394		724		000	001	, ,	207		148									
			510	0150		768	34			731		000	800	0 0	230		148									
			085	0150		768		960		731							148									
			085	0175		750	34	960	2	734							148	38								
			085	0186	0	733	34	931	2	734							148									
			SID	0200		699	34			734		000	777	8 0	269		148									
			085	0200		699		B71		734							148									
			085	0220		559		800		747			12.		304		147									
			510	0250		530 530	34	80 798		750 750		000	024	1 (1304		147									
			085	0250		504	34			757		000	567	4 ^	334		147									
			085	0300		504		841		757		000	-0,	-			147									
			085	0350		489		876		761							147									
			570	0400	0	485	34	89	2	763		000	520	9 (388	3	147	68								
			085	0400	0	485	34	889	2	763							147	68								
			085	0427		479		884		763							147									
			085	0430		467		863		763							147									
			STD	0500		456	34			768		000	477	0 ()438		147									
			085	0500		456		917		768		000	,,,	, ,	485		147									
			STD	0600		441	34	92 917		770 770		000	404	4 (787		147									
			085 5T0	0600 0700		441	34			773		000	445	7 (1531		147									
			085	0700		429		944		773		500		. (147									
			085	0725		431		945		773							148									

REFERENCE SHIP LATE	TUDE LOP	KGITUDE ES	SQUARE	STATION THE	TEAP		DR'S TION MBEB	DEPTH TD BOTTDM	MAT DEFTH DF S'MFL'S	0858	WAVE RVATIONS	CODE	CLOUD		5	NODC PATION UMBER
318028 RC 421	5 N 06	6040W 1	51 26 WAT	TRANS. DUE	SPETO MET	D- AIR TEMP	WET COO		SPEC	IAL	5 2	X1	0 3			0038
			CODE	(m) OIL	torcs [mg		043 7	-								
			01	SU 28	525 02	8 063 0		16				r .				
MESSENGE CAS		DEPTH (M)	1 5	s */	51G A4 A - T	ANOMALT-ETEZ	E A D	4 300		D2 ml/l	PD 4=P +4 = 41	TOTAL = P	MO3-H	NO UN	51 O4=51 29 - 97	pH.
								1								
	510	0000	0936	3214	2485	0031133	0000	148								
078	085 510	0000	0936	32139	2485	0031177	0031									
	005	0010	0936	32136	2484	0	0-5.	148								
	STD	0020	0936	3214	2484	0031185	0062									
001	OBS	0050	3936	32137	2484			148								
	OBS STO	0027	0935	32138	2485 2486	0031048	0093	148								
	085	0030	0928	32141	2486	0031048	009.	148								
	510	0353	3810	3241	2525	0027333	0151									
	065	0050	0810	37415	2525			148								
	085	6098	0539	3 30 45	2610			147								
	STO	0075	0539	3306	2611	0019158	0209									
	085	0075	0539	33057	2611			147								
	STD	0100	0588	3396	2677	0013025	0250	147								
	OBS STD	0100	0 F R R 0638	33957	2677 2691	0011735	0281									
	085	0125	0638	34216	2691	0011177	0-01	147								
	085	0130	0651	34355	2700			147								
	STD	0150	0659	3439	2701	0010776	0309	147	791							
	085	0150	0659	34386	2701			147	791							
	OBS	0175	0669	34491	2708			148								
	085	0182	3688	34546	2710			148								
	085	0196	0674	34682	2722			148								
	STO	0200	0651	3467	2725	0008594	0357	148								
	085	0210	0651	34675	2725			140	500							

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.

PEFERENCE	SHIP		\top		. :	MARS	DEN	STATION	TIME		T	ORIGI	NAT	OR'S		DEFTH	MAI		WAV	1	Line	1 516				7
CTRY ID.	CODE	LATITUDI	L	LONGITUDE 1/10	DED T		ARE 1°			YEA	* c	PUISE NO.	STA	TION	\neg	TO	QEPTI OF	L.	JRZERVA 1	IIONS	THER	0000	S		NODE	
318033	RC	35150		60185W	1	115		MO DAY	050		7		_	MBEX	-		S'MPL	-	-		-	Tipe A	+		NUMBER	-
210033	, I KC I	33130	1 10	00187W		712	WA		WIND		A 8 C) -	A54 00		Ψ.		4477 NO.		2	9 7 2	- 1	X 6	013		- 1	0001	1
						-	COLOR	TRAMS.	1.00	10	ETER	DRY	Tv	N E T	CODE		OBSER	CIAL VATION	5							
						-	DT	5D 2	_	_	Ted#	8068	+	nrs .					-							
	MESSINGE	1			_		[7]	120 15	5 5 3	> 10	86	183	_	$\overline{}$	6	3.2			٠,-							_
	MESSENGE TIME HR 1/10	NO.	DRAD	DEPTH	(es t	T	70	5 *4	. 51	GMA-I	. 5	PECIFIC VOL	UME	DY	101 101	SOU	DCITY	03 ~		4-P -01/I	FOTA L-P	NO2-N Hg + 47/1				
	17.10	1		-	_	-					-		_	<u></u>	70-	+			-	-			19 - 00	1 1	-	-
		' '	STD	0000		20	26	3614	2	558	١,	002416	5	00	00	152	242		- 1	- 1		1	1	1	- 1	
		C	85	0000		20		3613		558						152	42									
		(STD 85	0010		20		3614		558 558	(002420	2	00	24	152										
			STD	0020		20		3614		558	0	002423	8	00	48	152										
		C	BS STD	0020		20		36139		558						152										
		C	85	0030		20		3614		558 558	C	002428	4	00	72	152										
			STD	0050		20	27	3614	2 !	558	С	02434	9	01.	21	152										
		C	BS STD	0050		20		36142		558			1	0.1	0.0	152										
		C	85	0075		20		3014		558 558	C	002444	I	01	20	152										
			85	0098		20	25	36132	2 :	558						152										
		0	5T0 85	0100		18		3591		67	0	002173	8	0 <	6 ()	152										
			STD	0125		17		35912 3607		587	0	01782	5	02	A Q	152 151										
			85	0140		16	75	36077	26	542		, , , , , ,		-		151										
			STD BS	0150		16		3605		45	0	01637	4	0.3	32	151										
			85	0150		16		36047		662						151 151										
			STD	0200		14		3585		68	0	01433	7	040	9	151										
			85	0200		14		35862		68						151										
			BS STD	0220		14		35787 3574		77	0	01344	A	04	7.8	150 150										
			85	0250		13	05	35736		78		01344	_	0 -		150										
			STO	0300		12		3561		89	0	01254	0	054	+ 3	150										
			BS STD	0300		12:		35610 3536		199	٥	01071	ь,	069	. 0	150										
		0	85	0400		10		35356		09		010.1	_	00.		150										
			SID	0500		085		3510		29	0	00893	6	079	57	149										
			85 85	0550		089		35105 35057		29						149										
		0	85	0555		075	59	35441		39						149										
			STO BS	0600		072		3501		41	0	00777	6	064	1	149										
			85	0600		072		35012		41						149										
			85	0640		06	19	34984		54						148										
			B\$ 5T0	0670		060		35006		57			_			148										
			B5	0700		051		3500		61	0	00584	/	090)9	148										
			510	0800		050	2	3490		68	0	00515	8	096	4	148										
			8 S STD	0800		050		34986		68						148										
			85	0900		047		3499		72	0	00490	4	101	, 5	148										
			STD	1000		045	8	3499		74	0	004780	0	106	3	146										
			85	1000		045		34990		74						148	58									
			5 T D 85	1100		043		3498 34985		75 75	0	904686)	111	C	148										
			SID	1200		042	5	3498		77	01	004601	5	115	7	148										
			85	1200		042		34985	2.7							148	7.8									
			STD BS	1300		040		3497 34972	27		0 (004558	3	120	3	1488										
			STO	1400		039		3497	27		0.0	004588	3	124	9	1489										
		01		1400		039		34966	27							1490	0.0									
			5 1 0 35	1500 1500		039		3497 34972	27		00	004585)	169	4	1491										

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

												,								
REFERENCE		- E	MAPSDEN	STATION THE	AE	YEAR		HIGHNA		_	DEPTH	MAX. DEPTH	081	SERVATIONS	WEA-	CLOUD		- } ,	NOOC	
CODE NO. CODE	1/10	GITUDE BOX		MO DAY N		7 E R	CRUISE NO.		TATION	- 1	80110M	S'MPL"		HGT PER SEA		TYPE A 44	7		NUMBER	
1						0/3	0.5.4	002	2		41.64		33		x 2	0 3			0002	
318033 RC 3540	15N 1 060	0400w	115 50 T		93 1 NO	967	A54	IR TEA		T -	4466 NO.	_]	1 ~ =				0002	1
			COLOR	TEANS OIR	5P110	METE		TRY :	WET	CODE	005.	OBSERV	CIAL A TION S							
			COOF	ten) Olic.	FOICE	(mbe	.) 31	ULB	TULE	_	DEPTHS									
			ΩT	50 32	532	15	1 1	80	155	6	27									
MESSENGE CAST	CARD	DEPTH (m)	1 10	s */	SIGM		SPECIFIC	VOLU	ME E	A 0	50	סאט	02 ml/		101AL-P		NO3-N	\$104-5		3
HR 1/10	TYPE	DEELH (M)	, ,	3 '00	310 M		MOHA	ALT 216	,	103	, AFF	OCITY	02 1110	μη = 81/I	μg = 01/1	NB - 81/1	yg - al/l	2g + 81/	1 20	c
111111111111111111111111111111111111111																				
1	STD	0000	2145	3645	254	9	002	501	7 0	000	15	277		' '						
	0B5	0000	2145	36447	254	9					15	277								
	STD	0010	2145	3645	254	9	002	5046	6 00	25		279								
	085	0010	2145	36448	254	9						279								
	STO	0020	2145	3645	254		002	5076	6 00	050		280								
003	085	0020	2145	36449	254					0.76		280								
	5 T D	0030	2142	3646	255		002	49/1	B ()	075		281 281								
	085	0030	2142	36457	255		000	276	0 0	123		275								
	STD	0050	2101 2101	3656 36557	256 256		002	223	0 0	263		275								
	085	0050	2101	3657	257		002	331	۰ ۵	181		279								
	510	0075 0075	2102	36566	257		002	2211	0 0	-01		279								
	085 085	0095	2099	36557	257							282								
	STD	0100	2072	3654	257		002	283	7 0	239		275								
	OB5	0100	2072	36537	257						15	275								
	510	0125	1926	3657	261	.7	001	896	4 0.	291		240								
	OBS	0125	1926	36574	261	.7				_		240								
	STD	0150	1889	3658	262		001	812	5 0	337		234								
	085	0150	1889	36576	262				_			234								
	510	0200	1621	3652	264		001	704	7 0	425		222								
	085	0200	1821	36522	264		001		2 0	510		222								
	510	0250	1785	3649 36487	264		001	661	5 0	210		219								
	085 510	0250	1785 1756	3645	265		001	639	3 0	592		219								
	085	0300	1756	36446	265		001	0,5,				219								
	085	0363	1698	36355	269							211								
	OB5	0385	1656	36257	266						15	201								
	510	0400	1572	3609	266		001	510	6 0	750	15	175								
	085	0400	1572	36088	266	7					15	175								
	085	0438	1537	35997	266							170								
	STO	0500	1373	3573	268		001	376	2 0	894		124								
	085	0500	1373	35727	268							124								
	OB5	0535	1297	35547	268		00.	112	, ,	018		023								
	STD	0600	1047	3526	27		001	113	1 1	016		023								
	085	0600	1047	35265 3505	27		000	887	1 1	118		948								
	STD OBS	0700	0807	35052	27		000	007		- 11		948								
	085	0755	0654	34977	27							896								
	510	0800	0605	3497	27		000	666	5 1	196		884								
	085	0800	0605	34968	27						14	884								
	510	0900	0546	3498	27	53	000	588	0 1	259		677								
	OBS	0900	0546	34982	27							B77								
	510	1000	0501	3497	27		000	547	5 1	316		B75								
	085	1000	0501	34972	27					1		875								
	STD	1100	0476	3498	2.7		000	1516	2 1	369		B82								
	085	1100	0476	34985	27							882								
	085	1195	0461	34977	27	12					14	891								

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE										DRIGINA	2011			MAX		WAVE		CLOUD			
CTRY ID.	SNIP	LATITU	IDE L	DNGITUDE	SQ1	SDEN	STATION TI	AA E	YEAR	CRUISE 51	TATION		DEPTH	DEPT	H ORS	ERVATIONS	THER	CODES		STA	IDC IIDN MBER
CODE NO.	CODE		1/10	1/10	10"	1.	MD DAY H	1,1/10		ND. N	n wasa		BOTTOM	S'AKPL		HGT PTH ST	-	TYPE A ALT	-	-	
318033	IRC	3604	ON 101	60576W	1110	60		74 :	1967	AS4 00:	in to	- 1	4533		1 28	9 3	X 2	013	l	0	003
						CDLOR		SPEED	MARTE	-	WET	CODE	NO. 085.	DRSER	ECIAL VATIONS						
						CDDE	im] Dill,	101CF	[mbe]	+ +	BULB		DEFINS								
			,			DT	SD 28	535	968	156	134	L.	33								
	MESSENGE TIME HR 1/10	CASE NO.	CARD	DEPTH (m)	1	o* 1	s */	SIGA	T-AN	ANOMALT-AN	At D	∆ D YN, M x 10 ³	. SDL VELC	CITY	02 ml/l	PD4-P 29 * 41/1	101AL-P ## - 61/1	NO3-N	NO3-N PB - 61/I	51 C 4=51 ug - et/1	pN CC
													1							- 1	
			STD	0000		168	36433	25		0026260) ()	300		288							
			OBS STD	0000		188	3643	25:		0026316	01	126	152								
			OBS	0010	2	188	36431	25						289							
	003		STD	0020		188	36430	25:		0026355	01	052	152								
	000		STD	0020		188	3643	25		0026403	0.	J79	152								
			QBS	0030		188	35429	25					152								
			STD OBS	0050		189	36430	25		0026496	0	131	157	296							
			\$10	0075		190	3643	25		0026613	0	198	153								
			085	0075		190	36432	25		002/7	_		15								
			085	0100		192	36431	251		0026764	. 0.	465	153	305							
			STD	0125		193	3643	25		0026887	7 0.	332	15								
			085	0125		193	36431	25						310							
			STD QBS	0150		193	3650 36497	25		0026512	2 0	398	15:	314							
			085	0163		172	36604	25						312							
			085	0179		987	36597	250						266							
			SID	0200 0200		937	3657 36574	26		0019508	, 0,	513	157	255 255							
			STO	0250		691	3660	26		0016391	0	608		251							
			08\$	0250	1	691	36596	267						251							
			055	0ZR4		870	36557 3654	20		0017919		699		251 246							
			\$10 085	0300		847	36537	26		001/71	, 0	0 7 7		246							
			STD	0400	1	774	3647	26	48	0016992	2 0	674		241							
			085	0400		774	36469	26		0014647	2 1	042		241							
			STO OBS	0500		717	3638 36376	20		001664	, T	042		239							
			QBS	0513		712	36357	26					15.	240							
			OBS	0553		637	36207	26						222							
			08S STD	0571		635	36216 3606	26		001575	1 1	204		224							
			OBS	0600		565	36062	26	66	30.2.5			15	206							
			STD	0700	1	342	3570	26	87	0013884	. 1	352		146							
			QBS OBS	0700		342	35698 35597	26						146							
			QBS	0742	1	226	35546	26	98				15	112							
			STD	0800	1	970	3534	27		001160	2 1	479		068							
			0BS ST0	0800		078	35338 3502	27 27		000907	7 1	583		068 971							
			065	0900		782	35017	27		,0,,,,,				971							
			OBS	0915		780	35047	27						973							
			STD	1000		638	3498 34983	27 27		000730	2 1	065		931 931							
			STD	1100		528	3498	27		000587	8 1	731		903							
			085	1100	0)52R	34982	27	65			-		903							
			ST0 085	1200		477	3498 34984	27		000529	0 1	7 8 6		899							
			STD	1300)449	3498	27		000506	b 1	838		904							
			OBS	1300	Ċ	449	34978	27	74				14	904							
			STD	1400		428	3497 34968	27		000495	7 1	688		912 912							
			OBS STD	1400)428)416	34968	27		000493	1 1	938		924							
			085	1500		416	34963	27		, , , , ,				924							

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5, Prepared from NODC listing number 31-8033.—Continued

												_				_		TMAX	1								٦
CTEV ID.	SHIP	LATITU	Of	LONG	GITUDE TO	M A R	ARE	STA	TION TI	WE	YE AR	CR	ORIGINA	TATIO	N	٦.	TO	OEP1H OF	085	ERVA	TIONS	THEF	CLOUD			NOOC STATION NUMBER	
CODE NO.	COOE	•	1/10		1710 5	10*	1"	MO	DAY	B.1/10		1	NO. N	UMBI	a	100	MOTTO	S'MPL"	S D:8	HGF	PE# 58 A	C008	TYPS A.A.	1	-		-
318033	RC	3628	5N	061	145w	115	إيما	12		171	1967	A	54 004		_		700	L_	30	9	4	×1	013	1	- 1	0004	4
							COLOR	TEAN		SPEED	BAR MET	O- ER	DRT	W E1		D.S.	MQ. OBS.		CIAL								
							CODE	100 1	~ DIR.	FO4C	Imbi	1	BULB	PUL	1	P	EPTHS	01111									
							DT	50	32	537	97	5	120	08			30			_							
	MESSINGS EIME	CA57	CAR	0	OFFIH (m)	1	°C	.	٠/	51G	MA-T	SPI	NDMALT-SI	18	E 10	O M.		JND CITY	O2 ml/1		04-P - 01/I	TOTA L=P ug - 01/1	NO3-N 99 - 01/1	ND3=N ug - at/l	SFO4-		Č.
	HB 1/10		111	-				-		-				-	R 10	,		-					94 - 0111	pg - 4///	7, 10	-	+
		1					220			1 26	2.2		02648	ا ،	000	0	16	291 291		1	- 1			}		1	[1
			083		0000		200		446		33	Ų	1020481	Б	000	U		291									
			51	0	0010	2	200	36	45	25	33	0	02652	5	002	6		293									
			085		0010		200		446		33 34	_	02655	5	005	3		293 294									
	003	5	0B5		0020		200		447		34		,020,,					294									
			S.	r D	0030		200		44		33	0	02663	0	0 U 7	9		296									
			OB:		0030		200 198		442		33							29h 298									
			S'		0050		186		45		37	0	02629	9	013	2		296									
			OB:		0050		186		447		37			_	019			296									
			085		0075		154		655		62	Ü	02403	I	014	7		294									
			5	TO	0100		122		74		78	С	002266	3	025	3		291									
			08:		0100		122		742		78							291									
			083		0110		993	-	40		87	C	002188	7	030	19		256									
			OB:		0125	1	993	36	402	25	87							256									
			5		0150		986		556		00	C	002068	4	036	2		260									
			0B:	10	0150		986 893		59		27	C	01828	6	046	0		243									
			08		0200	1	893		592		27							243									
			5		0250		862		57 570		34	C	001786	7	055	-Q		242									
			08:		0250		862		55		39	C	001755	3	063	9		243									
			0 B	5	0300		835		5547		39				0 - 1	,		243									
			0B		0400		776		48		48	C	001698	4	001	. 1		241									
			S		0500		715		38		55	(01660	3	047	19	15	234									
			0В.		0500		715		376		55							239									
			08.	S TD	0531		697 575		5327		56	(001594	ū.	114	. 2		236									
			QB		0600		575		5067		64						15	209									
			S	TD	0700	1	335	3	572	26	90	(001357	1	140	0		144									
			0 B		0700		335		634		90							135									
				T D	2800	- 1	070	3	534	2.	712	(001140	ż	1 4 1	4	15	065									
			OB		0800		070		5345		712							065									
			0B	5 TD	0837		818		5187 504		721	(000944	8	151	14		985									
			OB		0900	(818	3	5345	2	730							985									
				TD	1000		627		497 4967		751 751	(000726	J	160	2 (926									
			0B 5	5 T0	1100)627)533		498		764	(000548	8	106	8		905									
			08		1100	(1533	3	4977	2	764							905					•				
				TD	1200)487)487		499 4987		77C 770	(000540	6	172	25		903									
			0B 08		1200 1215		499		5015		771						14	911									
			5	T D	1300	()469		499		773	-	000523	2	17	79		913									
			08		1300		1469	-	4992 498		773 775		000503	d	163	3.0		913									
			0 B	TD S	1400		442		478 4983		775		00000	9	101			918									
			S	TD	1500	(0427	3	498	2	777	-	000491	7	188	30		929									
			OB	5	1500	(0427	3	4985	2	777						14	929									

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

														1		_			_	_	
REFERENCE	SHIP	LATITU	DE LO		SOUARE	STATION TI	ME	YEAR	CRUISE	IGINA	TOR'S		DEPTH	DEPTI		WAVE RVATIONS	WEA- THER	1000		NODC	4
COUR NO.	COOE		1/10		10" 1"	MO OAY H	A 1/10		NO.		MBER		MOTTOM	S'MPL		HGT PER SEA	CODE	TERE ANT		NUMBER	R
318033	DC :	3644	1 N O+	1260W	115 61	12 16 0	162	1967	A54	005			4810		28	9 3	X 1	0 3		000	5
. 210033	INC 1	3044	1.4 100	31200W	WA		VIND	JA 80	0.0	TEM	<i>p</i> 10	VIS	NO. OBS.		ECIAL	1 - 7 - 7					
					COLOR	TRANS. DIR	SPEED	METE		Y	W ET	CODE	ORS. DEPTHS	OBSER	VATIONS						
						 	IDIC			-		-	7.								
				7	DT	5D 27	530	94	3 13	0	110	7	26						т-		- 13
	MESSENGS NAS	CAST NO.	CARO	OEPTH (m)	1 15	5 */**	SIG	MA-7	ANOMA	VOLUM.	! B	△	SOU	DCITY	Q2 w[/]	PO4-P	FOTAL-F 22 81/1	NQ2-N ug - st/1		11 C a ~ S1 ug - 41 '1 pt	, [2]
	HR 1/10	1			4		-				1,	103				100	21	-	yų - 0.7.		
					24.00	7/	1	54	0026	1	1	100	152	, , ,		1					
	04.3		5TD 085	0000	2125	3645 36447	25		0024	491	0.0	,00	152								
	062		STD	0010	2126	3645		54	0024	556	00	124		274							
			085	0010	2126	30447	25	54					152	274							
			STD	0020	2124	3645		55	0024	531	00	149	152								
	004		085	0020	2124	36448		55	0000					275							
			5TD 085	0030	2095	3646 36465	25	64	0023	063	0.0	73	152	599							
			STD	0050	2095	3647		66	0023	583	0.1	20	152								
			085	0050	2090	36472	25						152								
			STO	0075	4087	3648	25	67	0023	578	0	79	152								
			085	0075	2087	36476	25						152								
			5TD	0100	2085	3048	25		0023	212	0.4	38	152								
			085 085	0100	2085	36482 36580	25 25						152	279							
			510	0125	2012	3001		97	0020	060	04	93	152								
			OBS	0125	2012	36607	25	97					152	264							
			STD	0150	1935	3000		1.7	0019	074	0 :	43	152								
			085	0150	1935	36602	26		0017	507	0.0			247							
			STD	0200	1873 1873	3657 36566	26	30	0017	942	0-	36	152	237							
			STD	0250	1841	3054		36	0017	580	ű:	25	152								
			085	0250	1841	36539	26						152	236							
			STD	0300	1813	3652		42	0017	238	00	12	152								
			085	0300	1813	36517		42				7 0 7		236							
			5TD 085	0400	1774	3648 36477	26	48	0016	730	0	783	152								
			5TD	0500	1707	3636		56	0016	543	U.	150		236							
			085	0500	1707	36358	26	56					152	236							
			STD	0600	1577	3609		65	0015	ส35	1	12	152								
			085	0600	1577	36087	26							21C							
			5TD 085	0700	1405	3579 35790		80	0014	> 1 I	14	64		168 168							
			STD	0800	1134	3540		05	0012	159	1.3	97	150								
			085	0800	1134	35405		05	,,,,,					088							
			STD	0900	0907	3515		24	0010	173	1:	09	150								
			085	0900	0907	35148		24						020							
			085 510	1000	0882 0713	35112 3503		25	3008	004	1.	ouo	150	014							
			085	1000	0713	35027		6 4	0000	070	1,	,00	149								
			510	1100	0571	3499		61	0006	284	10	73	149								
			085	1100	0571	34995	27	61					149								
			STD	1200	0509	3498		67	0005	732	1	733		912							
			OB5	1200	0509	34983		67	2005	27,		700		012							
			STD	1300	0481	3499 34995	27	71	0005	214	1	789		918							
			SID	1400	0481	34995		74	0005	186	1.6	342		923							
			085	1400	0455	34986		74	3000					923							
			STD	1500	0440	3499		75	0005	085	1	93		934							
			085	1500	0440	34986	27	75					14	934							

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE SNIP	LATITU	OE LC	ONGITUDE 200	MARSDEN SOUARE	STATION TO		YE AR	CRUISE NO.	\$1	ATOR'S TATION	-	DEPTH TO BOTTOM	MAE, DEPTH OF S'MPL"S		WAVE RVATIONS HGT PER SE	WEA- THER CODE	CLOUD		\$1 \$1	OOC ATION	
318033 RC	3710		1/10		MO DAY M		1967	+	006		-	4892	2.WL[.2		8 3	X 6	0 3			0006	
. 3180331 KC 1	3/10	2N 100	01402W	WAT	ER W	OHIN	BAR	0- A	IR TEN	AP C	VII.		SPEC		0 12 1	1 40	1 013	1	' '	0000	
				COFO	TRANS. OIR.	SPECO OB FD#CE	Lmb	ER D	RY ILB	WET BULE	CODE	DEPTHS	OBSERVA	ATIONS							
			,	ΤŒ	50 32	540	90	B 08	19	080		47			,		,	,			
MESSENGE TIME E MR 1/10	CAST	CARO TYPE	OEPTH (m)	r %	5 %.	SIGA	AA-T	SPECIFIC 4NOW4	VOLUA	ME	∆ 0 N. M 10 ³	SOU	ND CITT	02 m1/1	PO a=P #0 * 81/1	101AL-F	NO2-N HE - 01/1	NO3-N 19-01/1	\$1.04-5> ug - a1/1	ρН	Š
HR 1/10			+		-	1					10"	-						94-001	- J		Ħ
1	1 1	STD	0000	2244	3643	252		0027	7793	3 0	000	153			1		1	ı	1		11
		OBS STD	0000	2244	36429 3643	252	20	0027	1850	0.0	J 2 7	153									
		OBS	0010	2245	36430	252	2 0					153	304								
004		STD	0020	2245	3643 36428	251		0027	907	7 0)55	153									
004		STO	0030	2245	3843	251	19	0027	956	0	183	153	07								
		OBS	0030	2245	36427 3641	252		0027	7824	4 0	139	153 153									
		OBS	0050	2232	36407	252	21	002				153	307								
		OBS STD	0058 0075	2195 2186	36322 3634	252		0027	7156	0	208	152									
		OBS	0075	2186	36342	25	30					152	99								
		STD OBS	0100	2188 2188	3652 36517	254	42 42	0026	034	2 0.	274	153									
		OBS	0110	2194	36725	255	96	00.75			12.	153	311								
		STD	0125 0125	2147	3674 36738	251	70	0023			336	153 153									
		510	0150	2024	3665	259		0020	963	3 0	392	152									
		08s	0150	2024 1954	36651 36627	261						152 152									
		STO	0200	1898	3661 36610	262	27	0018	3278	3 04	+90	152 152									
		OBS STD	0200	1898 1872	3659	262		001	7961	0 !	80	152									
		OBS	0250	1872	36591	263		001	, , , ,		0	152									
		STD	0300	1828 1828	3655 36554	264		0017	, , , , ,	4 01	569	152									
		STO OBS	3400	1773	3648	264		0016	692	2 0	340	152									
		STO	0400 0500	1773 1729	3641	269	5 4	0016	676	5 1	107	152	243								
		OBS	0500	1729	36411	26!						152									
		08S	0549 0571	1700 1682	36338 36299	265						152									
		510 085	0600 0600	1615	3618 36178	266		0016	041	1 1	171	152									
		085	0678	1615 1457	35896	261						151	183								
		085 510	0683	1417	35847 3584	268		0014	267	7 1	3 2 3	151									
		085	0700	1409	35838	268	3 3	001-			- 2 3	151	70								
		OB5 SID	0738	1367 1097	35747 3531	268		0012	176	5 14	+55	151									
		OBS	0800	1097	35308	270) 4	0011				150	74								
		08S 08S	0803 0813	1076 1072	35315 35339	270						150									
		085	0828	0987	35216	27:	16					150	38								
		085 085	0847 0867	0970 0811	35197 34988	271						150									
		085	0890	0787	34968	272	29			, .		149	70								
		STO OBS	0900 0900	0747 0747	3489 34894	27:		0009	1437	/ 1	63	149									
		OBS	0912	0707	34895	27:	35					149	942								
		0BS	0942	06 B 5 0 7 0 6	34946 34987	274						149									
		085	0965	0699	34967	274	41					149									
		0BS 0BS	0970	066B 0656	34965 34973	274						149									
		STD	1000	0629	3497	275	51	000	7247	7 1	546	149									
		0BS 0BS	1000	0629 0596	34972 34978	27!						149									
		OBS OBS	1040	0594 0542	34970 34945	275	56					149									
		STD	1068 1100	0529	3496	276	53	3006	031	1 1	713	149	903								
		085	1100	0529	34963 3498	276	53	0009	60	2 1	771	149									
		STD OBS	120 0 1200	0497 0497	34978	270						149	907								
		STO	1300	0458 0458	3498 34980	27	73	0005	172	2 1	525	149									
		STD	1400	0443	3499	27	76	0004	971	1 1	5 75	149	919								
		085 STD	1400 1500	0443	34993	27	76	0004	831	1 1	924	149									
		085	1500	0425	34993	27		000-			- 6, -1	149									

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE	1			-	MARSDEN	STATION TIL	45	_	ONG	INATO	46		T MAX.			-				
CYRY ID.	CODE	LA TITU	1/10 L	ONGITUDE 1/10	MARSDEN SOUARE	STATION THE		AR	CRUIST NO.	STATI) PA	TO ROTTOM	MAX. DEPTN OF	1	WAVE ERVATIONS	THER CODE	CLOUD		ST	ODC ATION JMBEB
318033	00. CODE CATOLOGY CAST C				12 16 1		67	A54 0		i ER	4901	S'ARPL"	32	B 3	X 2	0 3		-		
		2	0	O	WA	TEA W	DAI	BARO	Alk	EMP "	- 018		SPE		10 10 1	1 X Z	1 013		1 0	0007
					COLOR	TRANS DIR		MEYER (mba)	DRY	W I	T C00	NO. ORS. DEPTHS	OBSERV	ATIONS						
					DT	SD 32	535	913	089	05	7	43								
	MESSENGE TIME	CAST	CARD	DEPTH (m)	1 %	\$ %.	SIG MA-	-1	SPECIFIC VO	LUMI	₹ A D	SOL	מאנ	02 ml/l	PO4-P	TOTAL-P	NO2-N	NO1-N	SI 04-5	
	HR 1/10	-		-	-			-	-1044		X 103	. VELC	CITY		уд = a1/3	и р = e t/f	µg = 81/1	⊌g - a1/1	yg = el/l	βΗ
	!	1	5 T D	0000	2207	3633	2523	- 1	00274	2 7	0000	152	202		1	- 1	1			
			085	0000	2207	36332	2523					152	292							
			510 085	0010	2207 2207	3633 36333	2523 2523		00275	3 2	0027	152 152								
			5 T D	0020	2207	3633	2523		002751	3 9	0055	152								
	004		0BS 5TD	0020 0030	2207 2207	36330 3633	2523 2523		00276		0007	152	95							
			085	0030	2207	36330	2523		00276	. 6	0082	152								
			5TD 085	0050	2207	3633	2523		00277	15	0138	153	00							
			085	0050 0068	2207 2207	36330 36337	2523 2523					153 153								
			5TD	0075	2216	3654	2536		002659	2	0205	153	808							
			085 085	0075 0087	2216 2212	36537 36588	2536 2541					153								
			5TD	0100	2149	3663	2562		002419	6	0469	152								
			085 085	0100	2149	36629	2562					152	96							
			5TD	0112	2097 2078	36645 3666	2577 2583		002221	7	0327	152 152								
			085	0125	2078	36658	2583					152	62							
			51D 085	0150	2032	3666 36656	2596 2596	-	002113	16	0381	152 152								
			5TD	0200	1919	3658	2620		001898	В	0481	152								
			085	0200	1919	36584	2620					152								
			STD	0250	1861	3654 36537	2631		001606	3	0574	152 152								
			STD	0300	1797	3648	2643		001714	0	0662	152	31							
			085 085	0300 0369	1797 1725	36477 36352	2643					152 152								
			STD	0400	1721	3639	2655		001632	2	0829	152								
			085	0400	1721	36389	2655					152	24							
			085 085	0415 0460	1719 1585	36387	2655 2665					152 151								
			STD	0500	154B	3606	2670		001510	C	0986	151	84							
			0B5 0BS	0500 0565	1548 1417	36057 35817	2670 2680					151 151								
			085	0581	1407	35838	2684					151								
			STD	0600	1326	3569	2689	-	001337	2	1129	151								
			085 085	0600 0621	1326 1306	35687 35677	2689					151 151								
			085	0629	1270	35617	2695					151	10							
			08S 08S	0644	1258 1007	35611 35218	2697 2713					151 150								
			5TD	0700	0978	3521	2718	(001049	9	1248	150								
			085 085	0700	0978		2718					150								
			085	0764 0770	0866 0831		2727 2732					149								
			SID	0800	0770	3501	2734	(006880	6	1345	149	49							
			08s 08s	0800 0827	0770 0708		2734 2742					149								
			STD	0900	0577	3498	2758	(000634	4	1420	149								
			085 51D	0900 1000	0577 0507		2758		200510	,		148								
			085	1000	0507		2767 2767	(000555	1	1480	148								
			STD	1100	0467	3495	2769	(000530	7	1534	148	78							
			085 085	1100	0467		2769 2773					148								
			085	1183	0462	34986	2773					146	90							
			5TD 085	1200	0459		2773	(00>04	8	586	148								
			085	1205	0459		2773 2772					148								
			085	1211	0440	34960	2773					148	85							
			085 5TD	1224	0452		2774 2776		000486	R ·	636	148								
			OBS	1300	0442	34992	2776			Ų	0 30	149	01							
			065	1370	0428	34987	2777					149								

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE CTAT ID.	SNIP	LATITU	DE	LONGITUDE TO	MARSDEN 38AUQZ	STATION TH	ME	YEAR	CRUISE	GINAT	DR'S TION		DEPTH	DEPTH	DES	WAVE ERVATIONS	WEA- THER	CLOUD		S	NDDC FATION	
CODE NO.	CODE		1/10	1/10 0 8	10" 1"	MO DAY HI	L1/10		NO.		MBER		DTTDM	STAPL	S Dia	HGT PIE SEA	CODE	1091 A 447		N	DWBER	
318033	RC	3754	ON L	62100W	115 72		30	1967	A54 1	008		4	916		32	5 2	× 1	0 3		1	18000	
					WAT		IN D SPEED	BARC).	TEMP.		VIS ODE	NO. OIS.	592	CIAL							
					COLOR	TRANS. DIR.	SPEED OR FORCE	(mira			INT8	000	DEPTHS	CHESER	VA IIUN S							
					ОТ	50 32	530	93	8 08	9 0)49		37			,						
	MESSENGE FIME	CAST ND.	CARD	DEPTH (m)	7 %	s */	SIG	MA-7	SPECIFIC V	OLUME T-E10P	DYN.	. M.	NS FO		02 ml/l	PO4=P vg = 91/1	101Ai=P	ND3=N	ND3=N	104-51 ug - q1/1	рН	SCC
	HR 1/10		-				-				1		1			+ + +						+
	1	1	511	0000	1510	3517	26	10	0019	189	000	00	150			'	,					
	230		085	0000	1510	35175	26		0010	102	00	10	150									
			085	0010	1508 1508	3517 35174	26 26		0019	100	00.	17	150									
			STI	0020	1506	3517	26	11	0019	222	00	38	150									
			085	0020	1506 1506	35167 3517	26 26		0019	242	005	5.7	150									
			ST1	0030	1506	35168	26		0017	_ 4 /	00.	,	150									
			5 T I	0050	1511	3518	26	10	0019	348	000	96	150									
			085	0050	1511 1515	35177 3519	26	10	0019	422	014	1 4	150									
			085	0075	1515	35187		10	0019	-36	0		150	93								
			513	0100	1540	3531		14	0019	122	010	92	151									
			085 ST	0100	1540 1583	35313 3543	26	14	0019	297	024	40	151									
			OBS	2125	1583	35427	26		0017	_ , ,	0		151	126								
			5 T (0150	1591	3550		17	0019	342	028	88	151									
			085 085	0150 0171	1591 1590	35496 35789	26	17					151									
			085	0178	1529	35782	26						15	122								
			ST	0200	1517	3585	26		0015	023	03.	74	15									
			085 085	0200 0235	1517 1337	35849 35656	26 26						150									
			5 T !	0250	1307	3560	26	86	0012	698	0 4	43	150	059								
			OBS	0250	1337	35597	26		0011		050	٠,	150									
			5 T	0300	1227	3552 35517		96	0011	8/3	050	04	150									
			085	0370	1137	35342	27	05					150									
			085 ST	0376	1050	35283 3524		10	0010	176	06	15	14									
			085	0400	1007	35240		15	0010	1.0	0.0			975								
			085	0420	0962	35189	27	18						96 l								
			085 ST	0462	0925	35167 3496		30	0008	735	070	0.9	149									
			085	0500	0779	34965		30	0000		0			903								
			0B5	0 > 10	0769	35007		35					14									
			085	0520 0581	0779 0686	35042 35009		36 47						907 881								
			OBS	0582	0668	34997	27	48					14	874								
			ST		0656	3501		50	0006	807	07	87		872								
			085 085	0600 0646	0656 0619	35006 34996		50						872 865								
			OBS	0658	0582	34972	27	57					14	852								
			5.T 0.B.5	0700	0550 0550	3497 34971		61	0005	771	08	50		846								
			51		0498	34971		68	0005	186	091	04		841								
			085	0800	0408	34975	27				- 0			841								
			5T 0B5	0900	0446	3497 34972		74	0004	658	09	54		836 836								
			51	0 1000	0428	3498	2 7	76	0004	505	69	99	14	845								
			OBS	1000	0428	34977		76	0.001		10	, ,		845								
			ST 085	1100	0416 0416	3498 34977		77	0004	448	10	44		857 857								
			ST	0 1200	04.17	3497	27	78	0004	448	10	89	14	870								
			DBS	1200	0407	34975		78	0001	1.1.5	11	3.3		870								
			51 085	D 1300 1300	0399	3497 34973		779	0004	445	1.1	23		883								
			5 T	0 1400	C387	3497	27	087	0004	416	11	78	14	895								
			OBS	1400	0387	34969		087						895 911								
			085	1497	0387	34972	21	780					14	411								

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE											RIGINA	1005			TMA			Τ.					
Cter IO.	CODE	LATITU	DE (ONGITUDE	MOCTS &	PRSDEN QUARE	STATION TI	M E	YEAR	CRUISE	51	IATION	-	DEPTH	UEFI	081	WAVE SERVATIONS	THER	C 101		5	ATION	
CODE NO.		*	1/10	1710	10	17	MO DAY H	A, 1/10		NO.	N	UMBER	_	801TOA	S'MPL	15 018	HGT PIN STA	C001	1183 A	1 .		UNITER	
318033	RC	3816	SN 0	62400W	111			47	1967		009			4810	,	31	5 3	1 × I	0 3			0009	
						COLOR	1	SPEEC	BAR MET		R TEA	WET	VIS.	NO. 085.		ECIAL							
						COOE	TRANS DIR.	FORC	E (mb			BATS	CODE	DEPTHS	OBSER	VATIONS							
						DT	50 32	523	97	0 08	0	047	8	29									
	MESSENGA TIME	CAST	CARO	DEPTH 6		1 %	5 */		T-AM	SPECIFIC	VOLUA	AE \$	Δ O.	50	UNO		904-P	TOTAL-P	NO3-N	NO3-N	S1 = 4-S1		1
	HR 1/10	NO.	TYPE	DEPTH	m:	, ,	3 744	310	MA-1	ANOMA	C7-018	, 1	(03	VEL	OCITY	03 mt/l	#8 = e1/	99 × 6171	μg - 81/	78 - 81	FF - 91/1	вH	C
			510			1732	3511		54	0024	555	00	000		146								
	047		OBS	0000		1732	35107		54	0024			. 7 .		146								
			5T0	0010 0010		1732 1732	3510 35105		54	0024	603		124		148								
			510			1732	3510		54	0024	638	00	149		150								
			085	0020		1732	35104		54						150								
			STO			1732	3511		54	0024	652	2 00	73		151								
			085 085	0030		1732	35107 35112	25	54						151								
			STD			1769	3570	25		0021	288	0	119		172								
			085	0050		1769	35697		90						172								
			OBS	0069		1539	35172		04	0010	202				100								
			\$T0	0075		1671 1671	3580 35797	26 26		0018	343		69		149								
			STD	0100		1921	3666		25	0018	149	0.0	:15		235								
			OBS	0100		1921	36657	26							235								
			STO	0125		1879	3656		29	0017	871	. 04	60		227								
			OBS	0125		1879 1835	36565 3651		29 36	0017	201	0.3	304		227								
			S10 085	0150		1835	36510		36	001	271		, , ,		218								
			085	0176		1807	36458		39						213								
			STO			1697	3627		51	0015	982	0 :	87		183								
			085	0200		1697 1576	36267	26	51	0014	72.7		+64		183								
			5TD 085	0250		1576	36087		66	0014	1730	, 0-	*04		152								
			STD			1389	3576		81	0013	309	05	34		097								
			085	0300		1389	35757		81						097								
			085	0328		1249	35575		96						052								
			085 STD	0373		1210	35544 3532	27	05	0011	104	0.6	556		007								
			085	0400		1092	35316		05	001.					007								
			085	0438		1002	35237		15						979								
			085	3444		0933	35217 3510		25	0008	15.07		754		955								
			5TD 085	0500		0834	35097		32	0008	370	, 0	134		926								
			510	0600		0634	3498		52	0006	679	01	331		863								
			085	0600		0634	34982		52						863								
			STO			0527	3498		65	0005	421	1 08	91		836								
			08 S	0300		J527 0495	34977 3497		65 68	0005	167		744		836								
			085	0800		0495	34973		68	0000		, .			840								
			STD			C466	3498		72	0004	634	0.	194		845								
			DB5	0900		U466	34963		72						845								
			STD			0449	3490 34987		74	0004	688	3 1	142		854								
			085 ST0	1000		0449	3499		76	0004	627	1.0	88		866								
			065	1100		0437	34989		76		,				866								
			STD			0424	3498		76	0004	646	1	135		877								
			OBS	1200		0424	34977 3498	27		0004	4.00	, ,	181		877								
			STD	1300		0415	3498		78 78	0004	604	1.	.01		890								
			000	100		-415	, , , ,	- '						4 7	0.0								

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

								,1-0		, .	,,,,,,,		-									
REFERENCE	SHIP	LATITU		NGITUDE E	MARS	DEN	STATION T		YEAR		ATORS		DEPTH	MAX. DEPTH		WAVE	WEA	CLOUD			NODC	
COOK NO.	CDOE	LATITU	1/10	1/10	10"		MD DAY		TEAT		RESMUN		#DTTDM	S'MFL"	-	HGT PER SI	CODE	TTPL AM			STATION	
318033	PC:	3835		52545W	115				967	A54 01	0		4883		31	5 3	×1	0 3	-		0010	
1 210033	11 11 11	2022	314 101	222421	[11]	WAT		UND	BAR	A 10. T.C	MP. °C	VIS	NO.		CIAL	1- 1- 1	1	, ,,,,	1	F	0010	
						CDLDR	TRANS DIR.	SPEED O4 FORCI	MET	ER DRY	WET BULS	CODI	OBS.		ATIONS							
					}		50 32	535	97	\rightarrow	050	7	27									
		, ,			1	OT	50 32	233	91		-	-	1								1	_
	MESSENGE TIME	CAST NO.	CARD	OSPTH (m)	1 1	70	\$ 1/4.	SIGM	A-T	SPECIFIC VOLI	WE S	∆ 0 M . M	VELO	JND	D3 ml/	PO4=P HR = 01/5	FOTAL=F #g + st/1	ND2-N ug = 01/1	NO ₃ -N ug - at/3	SI D4-		50
	HR 1/10				-			-			- 1	1000				71		D	pg - 0///		4	-
		!)	STD	0000	1.6	87	3543	261	2	001899	0 08	000	15	106		1		l			1	1
	070		085	0000		87	35427	261		0010,				106								
	01.,		STO	0010		87	3543	261		001903	0 00	19		108								
			085	0010		87	35426	261	2					108								
			STD	0020	15	87	3542	261	. 2	001907	1 00	38	15	110								
			085	0020		87	35425	261						110								
			STD	0030		87	3542	261		001910	5 00	057	15									
			OBS	0030		87	35425 3543	261		001915	5 0	195		111								
			085	0050		87	35426	261		001713	2 00	575		115								
			STD	0075		92	3544	261		001922	5 0	143		120								
			QBS	0075		92	35442	261						120								
			085	0085		26	35837	263						137								
			510	0100		97	3607	265		001486	6 0	186		134								
			085	0100		97	36067	265						134								
			085	0113		94	36075 3593	266 267		001374	7 0	221		135								
			ST0 035	0125		94	35927	267		001574	2 04	- 21		104								
			GTS	0150		48	3588	267		001321	9 02	255		093								
			085	0150		+48	35877	267					150	093								
			STD	0500	1.3	373	3576	268	5	001268	4 0:	320	15	075								
			085	0500		3.7.3	35759	268						75								
			STD	0250		202	3546	269		001171	4 0:	381		220								
			085	0250		173	35457	269		0010/7	0 0/	+37		02 2 983								
			510 085	0300		73	3530 35297	270		001067	0 0-	431		983								
			085	0355		39	35187	272						942								
			STD	2400		61	3497	273		000822	2 05	31		380								
			085	0400	0.7	61	34975	273	3				144	880								
			SID	3500		12	3497	275		000634	8 06	504		837								
			085	9500		12	34967	275						837								
			STD	06:00		19	3496	276		000528	8 00	562		816								
			085	06 30 07 00		19	34965 3498	276		000486	6 O.	713		816 818								
			OBS	0700		82	34976	277		000400	0 0			818								
			STD	0800		-57	3498	277		000466	4 0	761		824								
			OBS	0830		-57	34976	277	3				14	824								
			SID	0900		47	3498	277		000462	4 01	507		837								
			085	0900	-	+47	34979	277						837								
			STD	1000		32	3498	277		000453	2 00	353		847 847								
			0BS 510	1000		+32	34979	277		000447	я О	398		857								
			085	1100		17	34975	277		000441	0	- +0		857								
			510	1200		108	3497	277		000445	9 09	943		870								
			OBS	1200		0.8	34975	277						870								
			STO	1300		01	3497	277		000448	7 09	987		884								
			085	1300		01	34972	277						884								
			STD	1430		192	3497	277		000445	9 10	332		897								
			085	1400		39 2 387	34972	277		000446	9 37	377		897 912								
			015 085	1500		87	34973	278		000-40	0 11	V 1 1		912								
			505	1,00	03		54515	2 10					A -4									

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

HET ENERGY	E SHIP					MARS	DEN	STATION	TIME		7	ONGIN	ATOR'S		OEPTH	MAX.		WAVE		W£A-	CLOUD			.000	
CTET ID.	CODA	LATITL	IDE U	ONGITUDE	DAUL IN DC 16	SOUA	ARE	IG M	T)	TEAR	CRUIS		STATION		TO BOTTO	OF	0.0	SERVATIO		THER	COOL		72	ATION '	
31803		3900		63162w	+	115		MO CAY	130	1967	+	-		_	4846	S'MPL'		7 3	51 A	-	TYPE AND	1		_	
1 31803	13 RC	3400	ON JOH	03162W	1 1	112	WAI		MIND	1	_		MP. °C		-	_	31	7 3		X 2	0 3	1	1 (3011	١.
							COLOR	TRANS OF	5911 L 01		ER	ORY	WET	V15.	OBS. DEPTHS	OLSERV	ATIONS								
						-	COOL		101	CE (m)		0.3	TULE	$\overline{}$	-	-									
		1		1			DT	50 3	535	999	8 0	82	046		32	<u> </u>			- 7				T		
	MESSENGI TIME HR 1/10	EAST NO.	CARO TYPE	GEPTH	(m)	T	t	5 %	310	JMA-T	SPECIFI	C VOLU	2ME 0	E A D 21N. N x 10 ³	SO VEL	UNG OCITY	02 m1/1	PO4~		OTA L=P	NO2=N pg = 81/1	NO3-N	\$1.04=5r up = 6f/1	рΗ	
	P18 12 10			+					_		+		+			-		+-	+						+
	1	1	STD	0000			99	3527		520	001	828	4 0	000	15	077 ¹		1	- 1			l			ľ
	130)	085	0000			99	3526		20						077									
			510 085	0010			01	3527 35273		520	001	831	4 0	018		079 079									
			STD	0020			02	3528		20	001	834	4 0	036		081									
			DB5	0020	0		02	35276	2.6	520					15	081									
			510	0030			03	3528 35276		20	001	839.	5 0	055		083									
			085 510	0030			04	3528		19	001	8471	0 0	091		083 087									
			085	0050			04	3527		19	001		- 0			387									
			085	0072		15		35383		27						092									
			OBS	0075		15	18 18	3549		33	001	725	3 0	136		398									
			065	0092			97	35914		33						098 130									
			STD	0100			57	3606		68	001	4041	6 0	175		121									
			085	0100			57	36059		68				_		121									
			STD	0125		15 15	09	3598		72	001	368	1 0	210		109									
			510	0150			19	3584		81	001	2 8 9 8	6 0	243		109									
			D85	0150		14	19	35839		51						383									
			DBS	0180		14		35787		80			_			083									
			510 085	0200		13		3570 35698		87	001	249	3 0	07 د		364									
			510	0250		11		3538		03	001	102	5 0	365		964 998									
			085	0250		11		35380		03						998									
			STO	0300		10		3526		18	000	967	5 0	≈ 1.7		957									
			085 085	0300		09		35264		19						957 950									
			085	0381		07		35040		34						990									
			085	0392		07		35049	2.7	35						990									
			5T0 0B5	0410		07		3498		34	000	812	8 0	506		878									
			085 085	0400 0488		07 06		34977		52						878 335									
			DB5	0491		05		34957		56						326									
			STO	0500		05		3497	27	59	000	579	8 0	576	14	321									
			DBS STD	0500		05		34967		68	000	494	7 3	629	14	821 808									
			0B5	0600		04		3498		68	000	774	, 0	V 2 9		808									
			STD	0700		04		3496		72	000	457	8 0	677		304									
			085	0700		04		34959		72						304									
			035	0600		04		3496 34962		75	000	441	3 0	722		312									
			510	0900		04		34962		78	000	424	2 0	765		B12 B26									
			085	0900)	04	22	34789		78						826									
			STO	1000		04		3499		78	000	4330	0 0	808		844									
			085 510	1000		04		34995		78	000	4240	0 0	851		844 852									
			085	1100		04		3498		79	000	- C 41	0	901		852 852									
			STD	1200)	03	88	3498	2.7	80	000	4190	0 0	893		364									
			D85	1200		03		34977		80	0.0			0.55		862									
			5TD 085	1300		03		3498		81	000	418	3 0	935		375 375									
			5TD	1400		03		3498		81	000	422	1 0	977	148										
			085	1400)	03	76	34976	2.7	81					14										
			510	1500		0.3	68	3498	27	82	000	4198	8 1	019	144	904									
			085	1500		03		34976		8.2					149										

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE						M	/ PSDEN	_	STATION T	AN E			ORIGIN	ATQ	R*S		OEPIN	MAI		WAVE	W EA-	Crono	1		NO	05	
CTOTE NO.	CODE	LATITU		LONGITUD	£ 2	8	STAUD		(GAT)		TEAR	CRUISE		IF ATZ	ON	-	10 10110M	DEPT	00,	ERVATIONS	THER	CODES			TATE	ION	
			1/10	-1			0, 1,		O DAY H			но,			HE H	-		S'MPL		HGT PER SEA		TYPE AM	1		-	-	
318033	IRC I	3 + 4 9	7N	063560	W.	-11	15 93	ATE		74	1967	A54	O I		ir I		4060	<u> </u>	32	7 3	x 2	013			00	12	
							COL	or in	SANE OU	1PEEC		/*	ORY	w	£1	VIS.	.ON .280	12 CHSER	ECIAL VATIONS								
							coc	36	(m)	FORC	į (mbi	0 1	ULO	80	_		CEFTHS										
							DT	1	SD 32	535	01	6 0	67	0	51	7	29										
	MESSENGE	CAST NO.	CARI	DEP	THE CON		t "c	- }	5 ~/	SIG	T-AM	SPECIFI	C VOLL	IMP	₹ OYI	A 0, M	102	UNO	02 ml/1		TO TA (- P	NO2-N	NO3-N	510	2-4	pН	S
	HR 1/10	1	1771			_				-				*	1	103	ASTO	YIIOC		yg = 01/1	≥g = 01/i	ug - 01/1	yg - et/l	hB.	at/I		C
	-		1	1				- 1		1				_			1										
			5T 0BS		00		1503		3534 35345	26 26		001	779	5	0.0	00		079									
	174	•	ST		10		1505		3535	26		001	786	1	00	17		081									
			085	0.0	10		1505		35346	26	25							081									
			ST		120		1507		3535	26		001	790	9	00	35		084									
			085 ST		20		1507		35349 3535		24	001	793	9	0.0	53		085									
			085		30		1507		35350	26	24						15	085									
			ST	D 00	150		1508		3535	26		001	798	1	00	89		089									
			085 5T		150		1508		35355 3536	26	25 24	0.01	B06	6	0.1	34		089									
			OBS		75		1509		35356	26		001	500	,				093									
			085	0.0	97		1513		35369	26								098									
			ST		00		1480		3548	26		001	661	7	01	78		090									
			035		25		1480		35482 3563	26 26		001	293	4	0.2	14		090									
			085		25		1349		35631	26		001	2,,		0 2			053									
			ST		50		1267		3553		89	001	212	0	02	46		029									
			085 ST		50		1267		35532 3536	26	89	001	007	2	0 4	01		029 9 69									
			085		00		1077		35357	27		001	001		0 2	01		969									
			ST	0 02	50		0348		3518	27	20	000	928	6	03	50	14	928									
			OBS		50		0948		35183	27		000	071	0	0.4	0.7		928									
			085		00		0827		35J7 35J70	27		000	001	8	0)	94		890 890									
			51		00		0626		3500	27		000	611	2	04	66		827									
			055		00		0626		35005	27								827									
			085		60		0547		34970	27								797									
			ST		00		0497		3494	27		000	510	5	05	22		790									
			085		0.0		0497		34937	27								790									
			OBS		20		0502		34981	27								796 800									
			085 51		30		0502		34987	27		000	465	7	0.5	71		799									
			085	0.6	00		0477		34980	27	71						14	799									
			51		00		0455		3449	27		000	44)	1	00	16		807									
			085 ST		00		0455		34992	27	74 76	000	433	n	06	60		807									
			085		00		0445		35001		76	001	, 4 , ,	_	,	.00		819									
			51	D 39	00		0432		3500		77	000	429	0	07	03		831									
			OBS		00		0432		34999 3498		77	007	1. 3.	2	0.7	46		831 837									
			085		100		0407		34977	27	78 78	000	1424	-	0 /	40		837									
			51	0 11	00		0395		3498	27	80	000	418	I	07	88	14	848									
			085		00		0395		34978		80	0.00	. 10	^	0.0	2.0		848									
			5 T 0 B S		00		0388		3498 34977		80	000	419	0	0.8	29		862 862									
			ST		00		0380		3498	27		000	417	5	0.8	71		876									
			085	1.3	00		0380)	34978	27	81						14	876									
			51 085		10		0372		3497 34975		82	000	418	1	0.9	13		889 889									
			51		00		0368		3498		82	000	419	8	0.9	155		904									
			085		00		0368		34976		82							904									

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE																1 44.6	- 1								
CTST ID.	SHIP	LATITL	JDE .	LONGITUDE	0C18	MARSDE! SQUARE		STATION TI	ME	TEAR	CHUISE	ORIGIN A	ATOR'S TATION		DEPTH	DEPT	H OR	WAVE SERVATION	ZNS	WEA- THER	CLDUD			NODC	
CODE NO.	\vdash		1/10	1/10	O Z	10" 1	-	AD DAY H			ND.	N	LIMBER		10110N	8 5'MP		HCC PER	\$1 A		Tris . w.		-	MUMBER	
318033	RC	3925	ON C	63380w	1	15 9			33	1967				لب	4709		32	6 3		X 2	0 3			0013	
						co	WATE		SPEEG	BAR MET		ORY TEN	AP. TC	V15.	NO. OBS.	51	FECIAL								
						CO	DE	IRANS DIR.	2 O 6 C	E (m)		ULB	BULB		DEPTHS	ORZER	EVATIONS								
						0	ī	50 32	533	0.5	6 0	67	048	7	28										
	MESSENGE TIME	CAST	CARD	DEPTH 6	in i	t "c		5 *4.	SIG	MA-T		VOLUA	ME S	A D	50	UND	D2 m1	, PO a-	-P	TOTA 6-P	NO2-N	ND3-N	\$1 O4-	5+	3
	HR 1/10	T ND.	TYPE								ANOM	A 5.7 - 210	, ,	1 103	. \ \\$[.	00111		+8 **	,,	18 - 811	νg - e1	νg - αι)	νg - d1.	/1 9H	è
			l .				3		1								ľ			- 1					
	233		510 085	0000		165		3587 35887	26	31	001	7224	+ 0	000		134									
	200		STO	0010		166		3588		30	001	7357	7 3	017		136									
			085	0010		166		35879		30						136									
			STO	0020		166		3568		29	001	7425	0	034		138									
			08S 5T0	0020		166		35877 3588		29	0.0.1	7485		052		138									
			OBS	0030		166		35877		29	001	1702	, ,	0) 2		140									
			STO	0050		166		3588		29	001	7523	3 0	087		143									
			OBS	0050		166		35877	26					1 - 1		143									
			ST0 085	0075		1660		3587 35870	26	29	201	7614	. 0	131		146									
			STD	0100		1414		3574	26		001	3345	0	169		072									
			OBS	0100		1414		35743	26						15	072									
			OBS	0110		1434		35835	26							081									
			OBS STO	0113		1382		35787 3576	26 26		201	2452	, ,	202		064									
			085	0125		137		35757	26		001) -		-02		062									
			085	0134		1365		35745	26							062									
			5T0	0150		1273		3554	26		001	2217	0.	232		031									
			CB5	0190		1171		35536 35429	26							031 001									
			085	0193		1141		35397	27							991									
			510	0200		1127		3537	27		0010	873	0.	002		987									
			0BS 510	0200		1127		35367 3524	27		0000					987									
			510	0300		0889		3514	27		0000			342		949									
			OBS	0300		3889		35137	27							914									
			STO	0400		0683		3502	27		0000	771	0,	466	141										
			OBS STÖ	0400 0500		0681		35-16 3498	27		0005	. 200	0.5	26	141	849									
			OBS	0500		0532		34977	27		000	, , , , , ,		20		805									
			085	0550		0520)	34985	27	66					148	809									
			STO	2600		0487		3498	27		0004	778	0	976	148										
			08S 5TD	0600 0700		0481		34980 3498	27		0004	500	0.	>23		803 807									
			085	0700		0455		34979	27		900.	. , , ,		- 2)		B G 7									
			STO	0800		0435		3498	27		0004			67	148										
			510 085	0900 0900		0419		3498 34985	27		0000	236	0	710	148										
			510	1300		0408		3498	27		0004	245		752	148	825									
			085	1000		0408		34478	27		000				148										
			STO	1100		0396		3498	27		0004	201	0	795	148										
			OBS STO	1100		0396		34977 3497	27		0004	10-	0.4	127	148	849									
			085	1200		3387		34975	271		300	1790	0.0	37	148										
			STO	1300		0381		3497	27	81	0004	204	08	179	148										
			085	1300		0381		34975	27						148										
			510 065	1400		0372		3497 34975	271		0004	181	09	920	148										
			STO	1500		0367		3498	271		0004	186	0:	62	148										
			085	1500		0367	1	34977	278	8.2					140										

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

										,	_	0.01011	ED W		_		MAX.				T				7
CTAY ID.	SNIP	LATITU	DE	LONGITUDE	Debri	MARS	ARE	STATION 1	IME	YEAR		NUISE	STATIO	N	_	DEPTH TØ	DEPTH		WAVE ERVATIONS	WEA- THER	CODES			NDDC	
COOK NO.	CODE	•	1/10	1/1	3 2	10"	10	MD DAY	8.1/10		+	NO.	NUM	E A	4	MOTTOM	S'MPL'S	Dill.	HGT FIR SEA	CODE	TFPE AM	1	-	NUMBER	-
318033	RC	4013	5N	064220w	-	151)46	1967	7 A	54 01			4	535		32	8 3	x 1	0 3	1		0014	•
							COLOR	TRANS. DIR.	VIND	D BAB		AIR TE	MP. T	- v	/IZ	ND. DBS. DEPTHS	SPEC OBSERV	JAL							
							CDDE	im! DIR.	FORG	1 1 1		BULB	BUI	0		DEPTHS	OBSCAV								
							DT	50 33	535	10	2	063	0.5	6 6	_	29									
	MESSENGS TIME	CAST ND.	CARD	DEPTH	(m)	7	ά	s °/	SIC	T-AM	57	RCING VOL	JARE 187	ΣΔ Dyn.	D _M ,	SOU		02 ml/l	PD 4=P	TOTAL-P	NO2-N	NO3-N	51 Da-		\$
	HR 1/10	1 40.	TYPE						1		Ļ			X 10	0,3	VELL	OCITY		pp = 41/1	3/8 · +1/1	ug - at/1	µg + 81/[ug - e)	/	c
			١			١,		257/			1		, !	000	0.0	16	116				l		1	1	- -
	046		5T	000			604 604	3576 35758		534	C	001694	-4	000	,,,		116								
	0 40	,	ST				608	3576		533	C	01703	9	001	17	15	119								
			085	001			608	35762		33							119								
			5 T				803 608	3577 35770		534	C	001700	7	003	34		120 120								
			085	002			608	3577		534	C	001703	9	005	1		122								
			085	003	0		608	35770	2 6	534						15	122								
			5 T				608	3577		534	0	001708	5	008	35		125								
			0B5	005 007			608 609	35773 3578		534	0	001711	0	012	7		125 130								
			085	007			609	35782		535		,0[,1]	. 7	012			130								
			085	200	6	1	591	35789	26	539							128								
			ST				562	3571		540	C	001672	1	017	70		118								
			085	010			562 387	35707 35665		540							118								
			511				335	3564		83	C	001261	5	020	6	150									
			085	012			335	35637		583							049								
			51				286 286	3559 35592		90	(001209	· B	023	3 7		036 036								
			∪85 ST	015 D 020			139	3543		705	0	001069	3	029	4		992								
			085	020			139	35427		705						14	992								
			5 T				967	3520		718	0	000949	4	034	44		935								
			385 5T	025 0 030			967 858	35197 3511		718 729		000850	1.8	038	3 9		935 902								
			0B5	030			858	35109		729		,0000		0	,		902								
			ST	0 340	0		652	3497		749	(000668	2	0 4 6	55		837								
			OBS	040			652	34975		749							837								
			085 ST	042 0 350			579 535	34925		754 762		200539	1	652	26		811 806								
			385	050			535	34962		762	,	, , , , , ,		-			806								
			085	054			509	34977		767							802								
			085	055			487 489	34979 3499		769 770		000473	16	057	7.6		797 804								
			51 085	0 060 060			489 489	34989		770		700-1:		0,71			804								
			ST	D 070	0	0	472	3500	2	773	(000454	6	062	23	14	814								
			CB5	070			472	35002		773		200/20	0	06.	,		814								
			5T 085	0 080			440 440	3500 35002		777 777	(000425	0 8	066	o f		817 817								
			5 T				426	3499		778	(000424	2	070	9		628								
			085	090			426	34995		778							828								
			5T 085	0 100			410	3499		779 779	(20041	79	075	51		838 838								
			51				402	3499		780	0	000418	3.2	079	9 3		851								
			085	110	0	0	402	34990	2	780						14	851								
			5.1				397	3499		780	(000420	7	063			866								
			065	120 0 130			397 385	34990 3498		780 781		000419	2.0	087	77		866 878								
			51 085	130			385	34984		781		, 0 O 7 I .	0	201			878								
			5 T	0 140	0	0	382	3498	2	781	(00042	3.2	091	19	14	893								
			085	140			3 8 2	34985		781		200/21	E	00.	- 1		893								
			51 085	0 150 150			375 375	3499		762 782	(000421	. >	096	0.1		907 907								
			005	130			313	J 7 7 0 1	-	. 02						7.4	, ,								

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE					_		AARSOEN		STATION			_	ORICIN	ATOR'S		1		MAX	1	WAVE			_	-		}
CTEY ID.	SHIP	LATITU		LONGITUE	DE E	Š	SOUARE		IGMT		YEAR	COL	JISE	STATIO		7	PTH TO TOM	DEPTH	1 000	ERVATIONS	THER				NOGC STATION NUMBER	
CODE NO.	-		1/10		1710	-	10" 1"	_		NR,1/10	1	-	-	NUMRE		+	-	S'MPL'	1	HGT FEB SE	^	1774 A.M.		-		
318033	IPC	4038	4 N	064399) W	[]	51 04	+ l		085 WIND	196		64 01 AIR TE	5 MP. ℃		41	0.5		3.2	7 4	×1	0 3			0015	
							COL	NO.	TRANS DIR	1 5PH		RO+ TER	ORY	WET	CO	0 1	0.5	SPE	VATIONS							
							CO	30	LIME)	101	_	lest 1	BULE	BUL	_	+	7 1913									
							01		50 33	53	1 1 1	36	064	04	_	12	8			3 1					_	
	MESSENGE		CAR		TH Un	,	F *C		5 %,	SH	GMA-F	SPE	CIFIC VOLU	IAN B	DYN !	М.	VELO		02 ml/l	PO4=P 1/9 = 81/1	107A C=P	NO2-N	NO3-N	SI Oa	рΗ	Č.
	HR 1/10	-				+				-		+		+	x 10	-							01 - 0.7		+	
		1	l ST	0 01	000	- 1	1627	,	3586 3586	26	536		01673	5 (0000	,	151	24								1.
	085		085		000		1627		35857		5 3 6		,,,,,		, - 0 .		151									
			5T		010		1626		3586		536	CC	1674	0 (0016		151									
			085 ST		010		1626		35857 3585		536 536	0.0	1679	1 (0033		151									
			085		20		1626		35855		536	•	,,,,,	•	,,,,,		151									
			ST		030		1626		3585		536	00	1084	1 (050		151									
			0B5) 70		1626		35852 3587		536 536	0.0	1686	0 0	0084		151 151									
			085)50		1629		35867		536	0	,,000	~ (,		151									
			5.T		75		1636		3592		539	0.0	1674	3 (126		151									
			0BS		75		1636		35916 35886		539 539						151									
			51		100		1580		3586		547	0.0	1600	1 (116		151									
			085		00		1580)	3>859		547						151									
			51 0B5		125		1435		3565 35851		579	0.0	1306	1 ()40		150									
			51		150		1291		3549		581	0.0	1288	1 (235		150									
			OB5		150		1291		35492		581						150									
			085 ST		200		1227		35468 3538		706	0.0	1056	2 /)294		150									
			0B5		200		11117		35385		706	0.0	71076) (12 7		149									
			ST		250		1007		3528		718	0 (0955	9 (344		149									
			0B5		250		1007		35279		718		0007	, ,	130		149									
			ST 085		300		0906		3516 35162		725 725	U	00887	1 ()39(149									
			0B5	0	372		0770		35057	2.	738						148	80								
			ST		+00		0645		3498		750	0.0	00655	9 ()46		148									
			08S		+00 500		0645		34979 3496		750 762	0.0	00538	7 (52		148									
			085		500		0532		34957		762		,,,,,				148									
			085		30		0501		34969		766			_			148									
			51 085		500 500		0492		34992		770 770	U	00474	9 ()5 7 l		148									
			ST		700		0461		3501		774	0.0	00442	2 (002		148									
			OB5		700		046		35010		774						148									
			51		800		0436		35U0 34997		777 777	0.0	30425	U	006		148									
			ST		300		0420		3500		778	01	00415	8	70		148									
			069	0 '	900		0420)	34497		778						148									
			ST		000		0409		3499		779 779	01	00417	6	75		148									
			085 ST		100		0400		3499		780	0.1	00417	6	79		148									
			OBS	1	100		0400)	34987	2	780						148	51								
			ST		200		038		3498		781	0	00412	5)83		148									
			0B9		200 300		038		34984		781 781	0.1	00417	5	087		148									
			0B5		300		038	3	34783	2	781						148	77								
			51		400		0375		3498		782	0	00415	6	091		148									
			085 51		400		037		34993		782 783	0.0	00410	7	395		148									
			085		500		036		34987		783	0					149									

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

CTATE ID.	SHIP	LATITU	DE L	ONGITUDE	COD TO	MARSDEN SQUARE	STAT	ION TI	ME	YEAR	CPUISE	ORIGIN	ATOR'		7	DEPTH	MAK, DEFTH	DBS	WAVE SERVATIONS	WEA- THER	CLOUD			NODC	
COOR NO.	CODE	•	1/10	1/10	- E	10° 1°	MD	DAY H	R.1/10		NO,		NUMB		1	MOTTON	OF S'MPL"		HGT PER SE	CODE	TYPE AND			RIBMUR	
318033	IRC E	4108	ol ne	65002W	1 1:	151 15	12		21	1967	A54				13	3329		33	2 4	×1	0 3			0016	
						COLO	TER		SPEE	BARG METE	<i>)</i> -	AIR TEA	WE'	- VI		NO.	SPE	CIAL							
						CODE	18415	D1R.	1010	e (mba		UL.B	101		DE	DEPTHS	OBSERV	ATIONS							
						OT	5D	36	516	17	0 0	35	01	4 7		29									
	MESSENGE	CAST	CARD	DEPTH	(m)	1 %	- 6	٠/	SIG	MA-T	SPECIAL	. AOFR	ME	₹ ∆ DYN,	D		JND	D2 m1/1	PD4-P	FOTAL-P	NO3-N	NO ₃ -N	St Da-S	aH.	3
	HR 1/10	NO.	TTPE						///	,,,,,,	ANDW	A [7 = 21	8"	z 10	3	AETO	CITY	03	yg - e111	yg = 81/1	srg = 61/1	yg - et/l	μg = α1/	1 1	Ċ
	-															1									
	121		012 085	0000		0967 0967	33			05	001	968	8	000	0		876 876								
	7 5 7		510	3010		0969	33			05	001	974	4	001	9		878								
			085	0010		0969	33	47	26	0.5							878								
			085	0019		0975	33			04	001	03/		4.	_	148									
			STD	0020		0983	33			05	001	916	4	003	y	148	885								
			STD	2030		1077	340			52	001	527	4)US	7	14									
			OBS	0030		1077							_												
			STD 085	0050		1475	354			40	001	654	9	8 00	8		080								
			085	0060		1487	35			40							386								
			STD	0079		1394	350			71	001	365	8	012	6		060								
			085 085	0075		1394 1367	350			71							060								
			STD	0100		1322	351			85	001	232	7	015	9		340								
			085	0100	C	1322	350	31	26	85						150	040								
			STO	0129		1250	35!			95	001	152	2	018	8		019								
			DBS STD	0125		1250	35			100	001	103	0	021	7	149	019								
			085	0150		1154	35.			700		200					788								
			088	016		1158	35			00							992								
			280	0180		1042	35,			10	000	080	0	026	0		952 942								
			085	0200		1007	35.			13	000	707	7	J = ()	7		942								
			STD	0250		0907	35			22	000	904	9	31	6		912								
			085 STD	0300		0907	35			722	000	775	5	335	Ω		912 847								
			085	0300		0721	34			36	000	,,,		ر د ن	0		847								
			STD	0400		0552	34			759	000	557	7) 4 Z	5		797								
			085	0400		0552	341			759 763	000	622	,.	348	0		797 792								
			STD	0500		0502	341			63	000	533	*	J-8	0		792								
			STO	0600	0	0466	34	2	27	67	000	498	0	053	1	14	794								
			085	0600		0466	34			767	000		c	0 = 3	0		794								
			\$10 085	0700		0441	34			771 771	000	465	כ	0 > 7	4		800 800								
			510	080		0435	34		27	774	000	453	3	062	5		815								
			085	080		0435	34			774							815								
			STD 085	0900		0423	34	-		776 776	000	443	1	007	U		827 827								
			STD	1000		0411	34			777	000	435	8	071	4		836								
			085	1000		0411	34			777							838								
			STD 085	1100		0405	34			778 778	000	436	6	075	8		852 852								
			SID	1200		0395	34			779	000	431	6	380	1		865								
			085	1200	0	0395	34		27	779						141	865								
			STD	1300		03H7 03B7	34			780 780	000	430	2	084	4		878 878								
			510	1400		0382	34			780	000	432	9	088	7		893								
			085	140	0	0382	34		27	780						14	893								
			STO	1500		0376	34			781 781	000	430	6	093	0		907 907								
			005	1501	U	0376	34	10	21	9.1						14	901								

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE	SNIP	Т			Ţ	= 1	ARSOEN OUARE	STATION	TIME			ORIGIN	A TOR'S		OEPTH	MA	x	WAVE	WEA-	CLOUD		-		7
CTBY IO.	COOE	LATITI	UOE 1/10	LOP	1/10	MDC		MO DAY		YEAR	CPUISE NO.	5	NOITAT		10 10110M			WAVE SERVATIONS	THER	CODIS		5	NODC PATION NUMBER	۱
318033	RC	4130	00 N	06	5152W	15	1 15	12 18	153	1967	A54		7		2505		33	3 2	X 1	0 3			0017	1
							COLO	TRANS OIR.	1PEE	MARC METE	i	GRY TEA	WET	VIS.	NO. OBS.	SP Chsep	ECIAL VATIONS							
							COOL	SD 36	508		-	34	019	7	DEPTHS	-								
	MESSEN	GB CAST	CA	80		Т			<u> </u>		. 0				4	UND		PO _A -P						-
	104E HR 1/	er NO.	11	PE	OEPTH (m	1	1 °C	s */	SIG	7 = A M	ANDN	ALT-EI	(7) O	103	AETO	DCIFY	03 m1/1	PB = 81/	1014 L=+ +9 - +1/1	NO3~N	NO ₃ -N	51 O4 ~ \$1	эH	
		-	1						1															
	15	3	OB:	T 0	0000		0866	3332 33324		88 88	002	129	1 0	000	141	833 8 3 3								
			08:	T D	0010		0869	3332	25 25	86	002	1354	0	021	14	835								
			5	T D	0020		0871	3334	25		002	1290	0 0	042		835 838								
			083		0020		0871	33339	25 25		002	1228	. 0			838								
			089	5	0030		0876	33360	25	89	002	1220	, ,	U63	148	342								
			069		0045		1012	33857 3385	26 26		001	9372	2 0	104	148									
			089	5	0050		0987	33846	26	09	001	, , , ,			148	93								
			089		0061		0927 1302	33812 34150	26 26						148									
			S1	0.1	0075		∪857	3388	26	33	001	7132	0	150	148	349								
			089		0075		0857 0757	33885	26 26						148									
			085	0	0100		0907	3442	26	67	001	3989	0	189	148	378								
			085		0110		0907 0718	34417	26						148									
			3T 0BS		0125		0741	3451	27		0010	925	0	220	146	321								
			51	G	0125		0741 0757	34509 3460	27		0010	0530	04	247	148									
			085		0150		0757	34598	27	04					148	32								
			51		0200		0763 0896	3476z 3503	27 27		000	9448	. 0.	296	148									
			085		0200		0896	35035	27	17					148	199								
			OBS		0220		0817 0870	34937 35100	27.						148									
			08S		0240		0859	35097 3 514	27.						148									
			085		0250		0875	35137	27.		0008	3466	0.	341	149									
			08S		0253		0876	35129	27.	2.8					149									
			ST	0	0280		0648	34717 3477	27.		000	7918	0:	82	148									
			085		0300		0643	34772	27	34					148									
			OBS		0358		0594	34842	27	46					148									
			08S		0367		0585 0579	34859	27		0.006	. 776	0.4	53	148									
			085		0400		0579	34900	27	52	UUU) (1)	0.	122	148									
			085		0419 0437		0578 0 53 7	34898 34864	275						148									
			085		0459	- (1520	34878	27	5.7					147									
			085		0467)514)512	34883	279						147	91								
			5 T	٥	0500	(1496	3493	276	54	0005	166	05	10	147	90								
			OBS ST		0500		0496 0466	34927 3496	278		0004	704	0	60	147									
			OBS		0600	(1466	34956	271	7.0					147	94								
			ST OBS		0700)450)450	3497	277		0004	537	00	96	148									
			ST	D	0800	(431	3497	277	75	0004	401	00	51	148	13								
			OBS		0800)431)417	34969	277		0004	285	36	94	148									
			OBS		0990	(417	34975	277	7 7					146	24								
			ST OBS		1000	(405	3498 34977	277		0004	220	57	37	148									
			ST	D	1100		1395	3498	277	79 - 1	0004	199	07	79	148	48								
			OBS ST		1100		395	34976	277	10 (0004	167	0.0	21	148									
			085		1200	(386	34977	278	0					148	61								
			ST 065		1300		380	3498	278		0004	183	08	62	148									
			57	0	1400	(373	3498	278	12 (0004	149	0 7	04	148	89								
			085		1400		373 367	34980 3499	278		0004	116	04	45	148									
			085		1500		367	34786	278						149									

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

CODE NO. CODE	1/10 1/10 1/300N	LONGITUDE 1/1/10	151 1	мо 5 12	DAY	NR.1/10	TEAR 1967	CBUISE NO.	STATIO NUMBI	N R	DEPTH TO EDITION	MAX, DEFTH OF S'MPL"	Das	WAVE ERVATIONS HGT THE S	CDDI	CODE		S N	NDDC TATION UMBER	
				OR TRA	NS. DI	SPEED OR FORCE	MET (mb	ER DRY	WEI BUL	VIS.	ND. D&S. DEPTHS	SPE OBSERV	ATIONS							
					36	508	18	4 034	01	9 7	0.4									
MESSENGE C TIME 07 HB 1/10	AST CAR		1 10		s */	SIGA	A A - T	SPECHIC VOL		₹ Δ D D N. M X 10 ³		UND	02 ml/l	PD4-P >9 - 01/1	TOTA L-P pg = 41/1		NO3=N	\$1 D4-\$1 pg = 01/1		200
																	-			71
153	OBS		0392		4957							855								
	51		0390		496	27		000435				861								
	5.1		0385		496	27		000436				875								
	5 T		0379		496	271		000437	3			890								
153	085		0376		4962			000.07				898								
	5.1		0374		496	271		000437				904								
160	51		0358		496	271		000436	2			940								
153	085 51		0342		4964 496	271		000429	2			968 974								
153	OB5		0304		4953			000429	' >			022								

FERENCE V ID.	SHIF	LATITI	DE		SOUTE	WDCTR	MARS	OEN ARE	STA	TION TI	ME	YEAR			STAT	ION	\exists	DEPTH	MAL DEFIN	Das	WAVE SERVATIONS	WEA- THER	CLOUD			NOD	CN
-		•	1/10		-	-	10°	1		OAT N			-	_	NUA	ABER	\rightarrow	BOTTOM	S'MPL"	1	HGT PER SE		TYPE AM	7	-	NUM	IER
18033	RC :	4155	ON E	065	370w	1	51	15 NA1			01			54 01 AIR TE		*c		0805 NO.		32	3 2	X1	013	1	1	00	19
							ı	CDLOR	TEAN!	OIL	SPEED DE FOECE	MET	TER	DRY BULB	Tv	V ET	VIS. CODE		SPE DBSERV	CIAL /A TIONS							
							-	DT	50	\leftarrow	515	17		034	-		7	43									
	MESSING	E CAST	CAI	D T	OEPTH IM	. 1		τ	T	٠/		MA-T	T	ECIPIC VOLI	_			SDU	ND	02 ml/l	PO ₃ =F	TOTAL-F	NO ₂ -N	ND3-N	SI Da-	Sı	
	HR 1/1	ND.	311	34	OEFIN W	_			Γ,	···	3101	MA-1	Ľ	MOMALT-R	187	I I	0 0 4. M 10 ³	VELO	CITY	U7 m1/1	ν ξ = 01/2	## - 01/1	μg = 01/	9g - a1/l	hð - aj	/ '	FN
	ļ	1	 51	01	0000	١	06	95	32	34	25	36	10	02627	8	00	00	147	54						1	i	
	20	1	OBS		0000			95		342	25		0	0 2 (2 0	,	0.0	2/	147									
			0B5		0010			98	32	33 335	25 25		0	02638	1	00	26	147									
			51	0	0020		0.7	707	32	38	25	37	0	02621	3	00	52	147	62								
			085		0020			707	32	375	25 25	37	0	02607	2	00	70	147									
			S1 089		0030			117		413	25	38	0	02007)	00	10	147									
			OBS	5	0042		07	48	32	675	25	55						147	86								
			51 089		0050			752	32	80 798	25	64	0	02368	4	01	28	147									
			085		0057			147		320	25							147									
			OBS		0065			97		109	25							147									
			OB 5		0070			90	33	30	25		0	01855	2	01	B 1	147									
			OBS		0075			40		297	26			01000	2	0 -	01	147									
			085	5	0085			18		547	26							147									
			S1 085		0100			57	34	06 057	26		0	01313	1	02	20	147									
			OBS	5	0114			99		317	26							148									
			065		0120			700		397	26				_			148									
			0B3		0125			732	34	56 557	27		0	01044	5	0.2	50	148									
			089		0135			312		739	27							148									
			51		0150			317	34		27	07	0	01028	8	02	76	148									
			085 085		0150			317 317		747 747	27							148									
			OBS		0166			792		719	27							148									
			OBS		0182			792		820	27							148									
			OBS		0186			317 317		907	27							148									
			\$1		0200			307	34		27		0	00930	2	03	25	148									
			OB:		0200			307		872	27							148									
			OB:		0203			797 782		885 920	27							148									
			OB:		0246			582		757	27							148									
			5		0250			74																			
			089		0250			574																			
				τ0	0300			507																			
			083		0300			507																			
			08:	TΩ	0400			574																			
			08	5	0418			574																			
			08		0430			548																			
			OB:		0491			19																			
			08	5	0500		04	498																			
			OB:		0535 0550			495																			
			OB:	TD.	0600			494																			
			OB:	5	0600			494																			
			08		0613			493 488																			
			08:		0624			488 470																			
			5	TO	0700		0.4	460																			
			08		0700			460																			
			OB:	5	0737		04	450																			

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

	,				, ,						1				_		1	_						7			7
REFERENCE	SHIP	LATITUE	ne l	LONGITUDE	MAR SQL	JARE	STAT	ION T	TLAKE	YEAR		DUGIN	_	_	4	DEPTH TD	DEPTH	DB	WA	A VE	WE		CLOUD	Ì	١.	NODE	
CODE NO.	CODE	*	1/10	* *1/10	E 10°	11.	MD (16708	CRUISI ND.		STATE			MOTTOM	2, W.M.			1 718 1	50	ne L	TYPE AM!			UMBER	
1						1					1	1	_		_			1	+			_	_	1	-		1
318033	RCI	4214	8N 1 (066050W	1151	126 WA			231 WIND	1967		AIR TE		-Т		0226	-	32	٦١٧	2	X	1 }	0 3	1	ŀ	0020	1)
						COLDR	Ť	+	19550	HAR MET	° ⊢	DEY	w	_	VIL.	ND.		CIAL									
						CDOE	401	Dil.	70806	4		ULR	BU		000	DEPTHS	OBSERV	2 HORE	1								
						DT	SD	33	515	17	6 0	35	02	2	7	20			1								
	MESSPHG			\neg		1	1	1	1				1	¥ 2	\ n	T			1			_					1.
	TUME	# NO.	CARD	DEPTH I	m1 1	2	5	-/	SIG	7-AN	ANDA	C VOLL	107	DYN	. м. 10 ³		DCITY	03 =1		PO4=P 18 - 41/1	IOTAL-		ND2~N	ND g~N pg + ot/t	\$1.0A=\$		ç
	BR 1/10	1		-	-		-		+-		-		-		10,	+-	-		+		100	-		P1 - 001	7.	-	-
	ĺ	1			i						1		- 1			-	1				1	-	- 1				
			ST			575	323		25		002	518	9	00	00		705										
	23	l	085	0000		575	322		25				_				705										
			STO			577	323		25		002	520	9	00.	25		707										
			085	0010		577	322		25			620	,	00	c 0		707 709										
			\$T0	0020		577	323		25		002	520	1	00	20		709										
			085	0024		577 578	323		25								711										
			510			597	329		25		002	340	0	00	7.4		722										
			085	0030		597	329		250		002			-			722										
			085	0037		615	327		25								733										
			510			617	3.28		25		002	135	9	01	19		738										
			085	0050		617	328	880	25	8.8						14	738										
			085	0055	0	619	330	95	26	0.5						14	742										
			085	0060	0	557	330	97	20	12						14	718										
			085	0064		539	332		26.								714										
			085	0070		540	334	.77	26								716										
			STO			566	337		260		001	459	8	01	64	14											
			085	0079		566	337		26			_					732										
			STO			596	343		26		001	267	5	011	98		753										
			085	0100		596	340		26!					- 3.			753										
			STO			616	342	_	26		001	116	U	02	2 8	-	766										
			085	0125		616	342		26								768										
			085 085	0141		620 622	345		27.								776 778										
			STO	0146		609	346		27:		000	846	_	02	5.2		774										
			085	0150		609	346		27		000	0		02.	,,		774										
			065	0152		599	346		27								770										
			085	0169		597	347		27								773										
			510			548	348		27		000	639	5	CZ	90		760										
			085	0200		548	347		27		- 00						760										
			,	0-00																							

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1–5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.

STD OUT	REFERENCE					1 - 1						1	ONCIN	4.50.05	,	_		MAX					- CLOU				
	CTEV 10.		LATITU	30	LONGITUDE	PC T				Imt	TEAR	CRUIT				٦.	10		08			THER	C008		5	TATION	
WATE COOR Service COOR	CO08 NO.	5005	*	1/10	* 171	ا قار	10*	1*	MO OAT H	R_1/10						1	10170M		D19.	НG	PEG SE	~ C001	TTFE AS	13	5	UMBER	
WATE WIND COLD Total DIR Time DIR	318059	EV	4215	8N	06606 W		151	25	10 01 1	130 1	1968	A5	5 00	1		lo	265		25	1		×o	0 3			0001	
COLON Name COLON Name COLON Name COLON Name COLON Name Colon Name Colo							Ė	WAT	ER V		BARS	a. L	AM TE	MP °C]		5957	241	7							
No. No.										OR	METE	ER			i lac		OBS. DEPTHS	OBSERV	ATIONS	-							
WISSING CAST OLD TE S S S S S S S S S								D T	50 24		17	3	194	18	3 /		26			1							
STO 0000 1571 3267 2404 0038793 0000 15068 1										1				-		_	_			1				1 _			Т
STO 0000 1571 32667 2404 0038793 0000 15066		SIME (Sm I	1 '	₽	5 %.	SIGN	1-AA			187					Q2 ml/							pH	
130		HR 1/10	-		-					-		-		-	Α (_	+	-		+	-						+
130		}	1 }			n			2343	1		0.0	2270	,		_	1,00	140					1		1	1	- 1
STD O010 1569 3271 2408 O038#66 O038 15069 STO O020 1964 3271 2409 O038385 O077 15069 O077 O075 O		120										00	3019	2	000	U											
OBS		150										0.0	3846	6	003	А											
STD 00 00 1564 3271 2409 0038385 0077 15069 15069 0085 0025 1496 32818 2417 15048 15048 15026 0085 0030 1421 32788 2446 0034°16 0113 15026 0085 0033 1377 32963 2468 15014 0085 0035 1406 33488 2503 0085 0042 1406 33488 2503 085 0042 1406 33688 2507 0085 0047 1427 33688 2507 0085 0047 1427 33688 2514 15042 15042 15042 15052												00	20.40	U	000	u											
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Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE					MARSDEN	STATION T			ORIGIA	ATOR'S	-	DEPTH	MAX,	T-	WAVE	WEA	CLDUC				1
CTOY ID.	CODE	LATITU	DE	LONGITUDE HOSE	SQUARE	(GMT)		FAR	CRUISE	STATION	=	TO BOTTOM	DEPTH		SERVATIONS	THER	CODES			NODC STATION NUMBER	
CODE NO.	0001		1/10	1/10 0	10" 1"	MO DAY H	R,1/10		NO.	HUMBER		#UTIDM	S'MPL"	DIR	HGT PEF SE	4 6000	TEPL AV	3		NUMBER	
318059	lev l	4154	8N (06537 W				968	A55 00			0786		24	0	X O	013			0002	
					WA	_	SPEED	BARO		·	VIS.	NO. 085.		CIAL							
					COLDR	TRANS DIR.	FORCE	1313 AA 1edm)		BULB	Capi	DEPTHS	DISERV	ATIONS							
					Of	5D 21	508	179	189	183	8	28									
	MESSENG	1	CARD						SPECIFIC VOLU	≥	Δ D	1	DND		PD4-P	TOTAL-P			51-04-1		15
	HIME	ND.	TYPE	DEFTH Uni	1 %	5 %.	SIGMA	1-T	ANOMALT-E	07 D	rN, M (10 ³		CITY	D2 m1/	на - 61/1	μη + α1/I	NO2-N ug - 41/I	NO3-N 98 - 617	10 - al	/I PH	00
	HR 1/10	-	-		+		_					+	-		-					-	+
	1	1	! 5T0	0000	1869	3435	2462	2	003325	8 0	000	15	177		1 1			F	1	,	1 '
	15	7	085	0000	1869	34351	246						177								
			STO		1879	3449	2470	0	003253	8 0	032	15	183								
			085	0010	1879	34488	247(183								
			510		1796	3423	247		003249	6 0	065		158								
	00	2	085	0020	1796	34228	247						158								
			085	0025	1696	34000	2478						126								
			085	0027	1596	33928	2499		002671	2 0	095		095								
			5T0	0030	1396 1396	33840	2532		002011	2 0	099		031								
			085	0038	1336	33778	2539						012								
			STI		1166	3362	2560		002406	2 0	145		954								
			085	0050	1166	33620	2560					14	954								
			OBS	0055	1106	33848	2589	9				14	936								
			085	0067	1120	33888	2589						944								
			510		1076	3403	2608		001955	4 0	200		931								
			085	0075	1076	34028	2608						931								
			085	0085	1056	34027	2612		001631	2 0	245		926 910								
			5T0	0100	0996 0996	3431 34308	2644		001621	2 0.	247		910								
			085	0110	1016	34429	2650						920								
			STE		1137	3489	2664		001439	3 0	283		972								
			085	0125	1137	34888	2664		_			14	972								
			085	0135	1036	34690	266	7				14	935								
			STE	0150	1016	3499	2693		001163	0 0	315		934								
			OBS	0150	1016	34988	2693						934								
			085	0175	1053	35128	2698						953								
			STO		1076	3535	2711		001013	2 0	370		968								
			085	0200	1076 0936	35346 35088	2711						968 918								
			5TI		0376	3513	2728		000854	7 0	416		901								
			085	0250	0876	35128	2728		00000				901								
			510		0771	3509	2741		000736	5 0	456		868								
			085	0300	0771	35087	2741						868								
			OBS	0350	0694	34988	2744						845								
			510		0634	3503	2755		000604	7 0	523		831								
			085	0400	0634	35028	2755		202464		. 70		831								
			510	0500	05,16	3499 34987	2761		000496	0 0:	> 78		799 799								
			085 085	0550	0516 0489	34988	2770						796								
			510		0489	3498	2771		000462	9 0	526		799								
			085	0600	0476	34983	2771						799								
			510		0466	3499	2773	3	000458	1 0	572	148	811								
			085	0700	0466	34988	2773	3				14	811								

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE	TT			-!	MARSOEN		ATION 1			-	ONGI	IA TO	1"5	_	DEPTH	MAX.	1	WA	/I	WEA-	Crono		-		7
CTIV ID.	COOE	LATITU	Of [ONGITUDE SOUTIONO.	SQUARE		IGMTI		TEAR	10	RUISE	STATE	ON	\dashv	TO	DEPTH		SERVA	TIONS	THER	COORS			NODC STATION NUMBER	ļ
CODE NO.	+-+	<u> </u>	1/10	1/10 4	10° 1°		DAY			-+		NUM	RER	-		S'MPL'S			PER SE/	`	TYPE AM		-		-
318059	FIEV I	4131	5N 10	6519 W	151 15 WA			187 WIND	196	-	455 00 AIR TE		r I		2514	L	24	1	ı	xo	0 3	1	- 1	0003	3
					COLO	TRAN	\$ 010	SPEE	OME	RO- ETER	ORY	w	E7 C	VIS.	NO. OBS. DEFTHS	SPER OBSERV	CIAL ARONS								
					1001	tm		FOR	CE UM	heat	BUEB	RU	LB	_	DEFINS	_									
					OT	50	24	506	1	83	194	18		8	24			<u> </u>						_	_
	MESSENGE	C AST	CARO	DEPTH (m)	T 10		5 %.	SIC	I-AME	s	MCIFIC VOL	1 A L	₹ Z	7 0	SOL	JNO DCITY	O2 ml/		O4-P	TOTAL-P	NO2-N	NO3~N	5104-		S C
	HR 1/10		1172			-		+		+		· ·	I	103	4650	-		- 1	- 01/1	90 - 01/I	ug - m1/(μg - αt/1	ид - в1.	-	
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	187	7	510 085	0000	1776 1776		332 3318		406	(003030	4	00.	00		138									
	10	,	510		2196		559		469	(003261	5	00	35		282									
			085	0010	2196	35	5588	24	469						15	282									
			510		2216		77		478	-{	003185	4	00	67		291									
	003	3	085	0020	2216		773		478	,		-	00	0.0		291									
			STD		2136		85 849		506 506	(002921	4	00	48		272									
			085 ST0	0030	2136 1786		89		500	-	002029	3	01	47		180									
			085	0050	1786		888		500	,	002027		0.0			180									
			STD		1586		87		546	(001598	6	01	93	15	124									
			085	0075	1586		8686	26	546							124									
			STD		1512		90		566	(001421	9	02	31		105									
			085	0100	1512		903		566		0012/	-	٥.	, c		105									
			S10	0125	1461		9 87 5873		575 675	- 1	001343	1	0∠	60		093									
			510		1366		575		686		001245	0	02	97		065									
			085	0150	1366		5753		686							065									
			510		1241		557		697	1	001150	1	33	57	15	129									
			OBS	0200	1241		5568		697							023									
			STD		1123		540		706	1	001069	15	0.4	13		994									
			085	0250	1123		5398		706		000061		04	6.6		994 955									
			STD 085	0300	0996		526 5260		718 718		000961	. 0	0~	04		955									
			510		0741		504		741		000742	: 5	دن	49		875									
			085	0400	0741		5043		741							673									
			510		0596		501		759		000582	8	06	15	14	632									
			085	0500	0596	3	5608	2	759						14	832									
			SIC		0533		499		765		000520	3	00	71		62-									
			085	0600	0533		+993		765		001101		0.7	٠.		822									
			STD	0700	0480		+98 4981		770 770		000480	JU	0.7	21		817 817									
			055 510		0454		497		773		000466	5.7	07	68		823									
			085	0800	0454		4970		773							823									
			510		0446	3	498	2	774		00045	7.8	08	14	14	636									
			085	0900	0446		4983		774							836									
			STO		0436		499		776		00044	8 (00	60		849									
			085	1000	2436		4991		776		000		09	0.5		849									
			STO		0424		499 600u		777		000441	5.4	UF	00		861									
			085 ST0	1100	0424		4988 499		777		000441	54	09	49		874									
			085	1200	0416		498A		778		000.4			. ,		874									
			SIC		0404		498		779		00044	34	09	94		550									
			J85	1300	0404	3	4984		779							886									
			510	1400	0396		498		780		00044	20	10	38		679									
			OBS	1400	0396		4984		780		000//		, , ,	, de		899									
			STO		0394		499 4033		780		00044	44	lv	1962		915									
			085	1500	0394	3	4988	2	780						14	777									

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1–5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

																	1	- 7								,
REFERENCE CTAT 10.	SNIP	LATITU	1DE	LONGITUOS	DCTB	MAR	SOEN	STATIO	N TIME		rear .	CRUISE		ATOR'S TATION	_	DEPTH	DEF	TH ON	WAVE	NS	WEA-	CLOUD			NODE	
CODE NO.	COOE	1/10		1/10		10*	1.	MO OA	Y JHIL1.			NO.	N	UMBER		BOTTO	M S'ALP		HGT PER SEA		CODE	TYPE AMI	-		NUMBER	
318059	FV	4104	QN	065001w		151	15	10 0	1 22	2 1	968	A55	004	4		3548		26	2		X1	0 3			0004	
310037			,,,,				WA	ER	WIN	0	BARO	·	IR TEA	AP C	V15	NO,	T	PECIAL								
							COLOR	TRANS.	OIR	OSC!	AA ETEI (mha)	R C	JRY ULB	W ET BULB	coo	OBS. DEPTH		SHOTTAN								
							DT	50 2		14	186	1 2	17	206	7	25	1									
	MILLINGA	T	T .			1			1	• •			_	_	_				Τ	. T				T		
	MESSINGR TIME	ND.	CAR		im1	1	С	\$ *.	4.	SIGM	A-1	SPECIFIC ANOM	ALT-1		X 103	VEI	LOCITY	D3 ml/l	PO 4~1		014 L=P	NO2-N µp - n1/I	NO3-N NB - BI/E	\$1.04-2		ć
	HR 1/10	-				+		+	-										+	+				_	_	+
	1	1	57	000	0	2	210	3578	3	248	0 1	003	1578	в 'о	000	15	286	ı	1	1	'			1	1	1,
	222		OBS				210	357		248	0					1.5	286									
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			085				196	3585		249							288									
			085	004	0	2	172	359	7.8	250	6						285									
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			OB5				018	3594		254		001	704	- ^	203		168									
			ST 085				726 726	3602		262 262		001	170:	, ,	203		168									
			51				648	3608		264		001	505	7 0	245		149									
			085				648	3605		264						15	149									
			5.1				589	3604		265		001	498(0 0	284		135									
			085				589	3603		265							135									
			51				528	3587		266		001	497	2 0	322		118									
			085				528 366	3586		266 268		001	3060		392		072									
			DBS				366	3568		268		001	,,,,		- 14		072									
			51				231	3551		269		001	1844	4 0	454		033									
			085	025	ð	1	231	3551	13 .	269	5					15	033									
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			085				716	350		274		0.0				-	879									
			ST				553	3496		276		000	577	3 0	759	1.4	830									
			085				553	349		276							830									
			51				505	340		276		000	5191	8 0	814		827									
			065 ST				505 477	349		276 277		000	. 70	1 0	864		827									
			085				477	3490		277		000	* / 5	. 0	004		833									
			51				456	3499		277		000	4673	0 0	911		64-									
			085	090	0	0	456	3498		277							840									
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			085				417	3498		277					,		874									
			ST				411	3499		277		000	449	1 1	092	14	664									
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		030)	OBS				3 5 0	36		241								331											
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				ST				260	36		24		0	03056	2	02	47		315											
		030)	085				255	36		24								314											
				ST				025	36		25		0	02470	4	03	16		258											
		030		OBS	011	6	1	756	360	123	26	18						15	183											

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

																	MAX.	7			T	-			7
REFERENCE	SHIP	LATITUE	DE	LONGITUDE	IN DC 14	MAR!	ARE	514	IGMT	TEME	YE	AR ,	ORIGINA CRUISE 51	TOR'S		DEI	O DEPTH	OBSE	VAVE EVATIONS	WEA	COOE			NODE	
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	HR 1/10					-		+-		+		-		-		+									\exists
	ļ	1)	5.1	p 0000		2	405	36	509	, 5	447	7	003472	1 0	000	1	15338		1					•	,
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			OBS 5T			2	386 346		5005 522		446		003220	2 0	v 68		15328								
	003		OB5				346		5211		474		00,				15328								
	0 - 2		ST	0 0030)	2	297		527		492		0030541	3 0	099		15318								
			OBS				297		5266		492						15318 15336								
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			0B5				991		6205		572						15241								
			OB5	0060)	1	867	3+	6368	2	617				7.05		15210								
			ST	D 0075			821		553 6535		641		001652	0	202		15202								
			OB5				775		5737 549		649		001586	9 0	243		15192								
			085				775		6486		649						15192								
			5 T				753		548		654		001549	0 0	282		15189								
			OB5				753 737		5479 547		654		001525	6 0	320		15189								
			5T 0B5				737		647 6471		651		001252	5 0	220		15189								
			5 T				691	3	639		2662		001496	1 0	396		15182								
			0 B S				691		638		662						15182								
			OB5				594		6324 621		2671		001425	1 0	469		15177								
			085				594		620t		67		001423	, ,			15159								
			5 T	0 0300		1	427	3	594	2	68	7	001277	9 0	536		15111								
			OB5				427		5938		68		0010.0	- ^	653		15111								
			51				096		541 5408		2712 2712		001049	7 0	053		15009								
			089				828		510		273		000848	2 0	748		14923								
			OBS		0	0	828	3	5100) 2	273	3					14923								
			51				626		500		2754		000645	4 0	022		14860								
			OB5)626)524		4998 502		2754		000508	7 0	880		14860								
			085)524		501.		2761		00000				14836								
			51	080	0	0	490		5ú1		277		000484	2 0	1930)	14838								
			085				490		5008		277		0004.53	7 0	977		14838								
			51 0B5	0900 0900			460		501 501:		277! 277!		000453	,	771		14842								
			51	rD 100)445	3	501	i	277		000443	9 1	021		14853								
			OBS	100	0)445		5014		277				245		14853								
			51 OB5)423)423		500		277' 277'		000433	4]	065	,	14860								
			OB3				1423		500		278		000430	8 1	109)	14873								
			OBS			()414	3	500	5	278	0					14873								
			51	rD 130	0		397		499		278		000431	5 1	152		14883								
			OB:				397		4981		2781 278		000425	5 1	195	,	14883								
			0B				386		498		278		000423	,	- / /		14895								
			5	TD 150	0	(378	3	499		278	2	000420	8 1	437	7	14908								
			.80	5 150	0		378		494		278			, ,	4,0		14908								
			5				0370		49b 497		278 278		000441		345		14947								
	0.7	2	5 OB				0353		496		278		000437	,	, .		15001								
	0.7			70 250			0323	3	495		278	5	000449	9 1	082	2	15055								
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	07	2	5 0B	TO 300			0269		494		278 278		000436		1904	+	15124								
	07		OB.				0229		490		278						15230								
	0.1			TD 400	0		0221	3	489		278	9	000417	1 2	2330	0	15272								
	07	9	08		2	-	0220	3	468	8	278	9					15319								

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

			,												,										
BEPERENCE	SHIP (ATITUDE	LON	GITUOE	DELIT BNDC18	MARSOE	N E	STATION TI	ME	YEAR		ORIGIN			CEPTI	H DI	TAX EPTH OI	WAY	VELTIONS	WEA-	CLOUD		NO CTA	TION	
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						co	LOR	TEANS DIR.	SPEEC		ER	DRY	WET	CDD	NO.		SPECIAL SERVATIONS								
							300	(m)	PORC	-	-	BULB	BUEE		-			-							
						D	T	50 21	510	25	4 2	50	240	7	28	\perp		<u> </u>							
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	123	08		0000		236		35871	24							532									
			TO	0010		236		3>87	24		003	3516	9 (1035		532									
		08		0010		236		35871	24		00.		, ,	0.70		532									
	003	08	TD	0050	,	236		3587 35871	24	46	00:	3512	1 (1070		5321									
	003		TD	0030)	228		3564	24		00	3458.	2 (105		530									
		08		0030		228		35644	24							530									
		08	5	0040		232		36208	24							532:									
			TD	0050		224		3613	24		003	1021	9 (170		530									
		08		0050		224		36128	24							53v									
		0 B	TD	0075		170		3585 35848	26		001	8858	3 (231		5166 5160									
		08		0075		179		36288	26							519									
			TO	0100		155		3574	26		001	6361	3 (1275		511									
		08	S	0100		155	6	35738	26	43					15	511	7								
		08	S	0115		160	2	30138	26	04					15	5138	3								
			TO	0125		156		3604	26		001	4479	9 (1313		512									
		0.8	5 T0	0125		156		36038 3596	26		001	460	, (1349		512									
		0B		0150		149		35958	26		00	369		1247		5110									
			TO	0200		131		3567	26		0.01	222	2 (1413		505									
		80		0200		131		35668	26	90				-		505									
			TD	0250		120		3544	20		001	1976	5 (1474		502									
		08		0250		120		35438	26							502									
		08	TO	0300		106		3533	27		001	023	2 (1529		497									
			TO	0400		106		3532B 3514	27		000	8295	5 (1622		497									
		08		0400		084		35136	27		000	,0 6 7 .		, , , ,		491									
			TD	0500		065		3505	27		000	637	9 (1695		485									
		08	5	0500		065	Я	35048	27	53					14	485	7								
		08		0550		057		34997	27							4831									
			TD	0600		054		3506	27		000	14881	5 (752		4821									
		08	5 TO	0600		054		35063 3502	27		000	484	3 6	800		4821 482									
		08		0700		050		35016	27		000					402 482									
			TD	0800		047		3502	27		000	1458.	2 (047		483									
		08	S	0800		047	5	35017	27	74					14	483	2								
			TD	0900		045		3502	27		000	1436€	> (1892		453									
		OB		0900		045		35020	27							483									
		0 B	TD -	1000		043		3501 35015	27		000	14320) (1736		484° 484°									
			TD.	1100		042		3501	27		000	14296		979		486									
		08		1100		042		35008	27		000			,		486									
			10	1200		040		3500	27		000	427	7]	022		487									
		08		1200		040		35001	27							487									
			TD	1300		039		3500	27		000	4233	3 1	064		4884									
		ОВ		1300		039		35002	27		0.00			1 2 -		4884									
		0B	T D	1400		039		3500 34997	27		000	4250	, ;	107		489° 489°									
			TO	1500		038		3500	27		000	4252	1	149		4911									
		OB		1500		038		34996	27		000					4911									

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

COOR NO. COOR 1/10 1/10 SQUARE (GMT) TEAM CRUIS: STATION NO. OF OF ORGANICS OR NCC 911 STA CRUIS: STATION NO. NUMBER NO. STARPS OR NCC 911 STA CRUIS: STATION NO. NUMBER NO. STARPS OR NCC 911 STA CRUIS: STATION NO. NUMBER NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. NUMBER NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STA CRUIS: STATION NO. STARPS OR NCC 911 STARP	CLOUD CODES	ODES M AME		NI	ODC ATION JMBER
318059 EV 39245N 063409W 115 93 10 02 163 1968 A55 008 4938 20 2 A A A A EMP. CODE MH. OUR MALE MINO MINO MALE MINO MALE MINO	DDE 1198 AM	TWA H		NI	MBER
318059 EV 39245N 063409W 115 93 10 02 163 1968 A55 008 4938 20 2 X WATEL WIND COUDE TRANC OIL OFFICE OFFI OFFI OFFI OFFI OFFI OFFI OFFI OFF				1	
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HE 1/10 TIPE DEFIN ON) TO STORE DEFIN ON) TO STORE ANOMALY-BIE? X 102 VELOCITY 02 m// 20 - 01/1 20 - 01/1	1/10 - gu 1/10	- 01/1 ×8	- 01/1 ×9	g = e1/1	
5TD 0000 2324 3581 2449 0034485 0000 15315					
163 085 0000 2324 35806 2449 15315					
STO 0010 2324 3581 2450 0034506 0034 15317 085 0010 2324 35808 2450 15317					
085 0010 2324 35808 2450 15317 570 0020 2324 3591 2458 0033791 0068 15319					
003 085 0020 2324 35913 2458 0033771 0000 15319					
510 0030 2329 3603 2465 0033140 0102 15324					
085 0030 2329 36028 2465 15324					
085 0047 2126 35788 2504 15272					
570 0050 2177 3611 2514 0028501 0163 15289					
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\$70 0075 1966 3634 2589 0021465 0226 15240 085 0075 1966 36341 2589 15240					
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510 0125 1496 3575 2657 0015087 0311 151-2					
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STD 0150 1416 3576 2676 0013410 0347 15081					
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510 0200 1256 3559 2695 0011642 0409 15034					
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510 0300 0971 3520 2718 0009630 0517 14945					
085 0300 0971 35202 2718 14945					
5TO 0400 0782 3509 2739 0007675 0603 14889					
085 0400 0782 35091 2739 14889					
510 0500 0602 3503 2759 0005782 0671 14834					
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085 0600 0516 34994 2767 14815 510 0700 0483 3501 2772 0004627 0773 14819					
085 0700 0483 35010 2772 000462, 0173 14617					
5TD 0800 0454 3500 2775 0004415 0818 14823					
08S 0800 0454 35004 2775 14823					
5TD 0900 0443 3500 2776 0004394 0062 14835					
OBS 0900 0443 35V03 2776 14835					
510 1000 0426 3500 2778 0004328 0906 14846					
085 1000 0428 35001 2778 14846 5TO 1100 0416 3499 2778 0004342 0949 14857					
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510 1200 0416 3499 2779 0004312 0993 14870					
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085 1500 0383 34988 2782 14910					

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE	41HZ				- E M	ARSDEN	STA	ION 1	BAA §			ORIGINA	_		DEPTH	MAI		WAVE	WEA	CLOUD			NOOC	
CTET IO.	COOE	LATITUO	1/10	LONGITUDE	5 00 S	OUARE	MOI	GMTI		TEAR	CRUI		TATION		10 10110M		04.	ERVATIONS	CODE	CODES	1		STATION	
-	-		_			1		\rightarrow	1		+					3 44.5	_		-	1771 2.44		-		
318059	EV I	39002	2 N O	63170w	11	5 93			204 1	968	A5	5 009		_	5103	<u></u>	1 25	0	x 2	0 3			0009	
						COLO	*		SPELD	MARC		DRY	WET	VIL	NO. 085.	5.0	FCIAL							
						CODE	(In)	DIL	POICE	[mbs		BULB	BULB	COD	OEFTHS	ORSER	VATIONS							
						DT	50	24	514	26	1	256	244	7	23									
	MESSANGE					1-	1			1	_			ΕΛD				1	_		-			7.1
	MESSENGE TIME	NO.	CARO	DEPTH I	m1	1 6	5	٠/٠٠	SIGM	1-A		FIC VOLUM	MF	E A D N. M 1 103	VELO	TILDE	0 2 ml/1	POa~P +8 - 01/1	1014 L=9 vs + e1/i	NO3-N	NO3-N	\$1 O4-		ů
	HR 1/10	-					+		-		-			1 10-						-	Jy - 0111		-	
		1		0000		36 30	1,4		238		١	40240	.	U00	3.5	201			1					
	204		510 085	0000		2638	367		238		00	40240	, (000		394 394								
	204		STD			2556	36.		240		00	38698	9 0	U39										
			OBS	0010		2556	36		240		00	30070	, ,	0 3 7		376								
			STD	0020		2478	36:		244		00	34730) (076	153									
	003		OB5	0020		2478	36		244							362								
			STD	0030		2366	36	9	248	1	00	31580	0	109	153									
			OBS	0030		2366	363	88	248	1					153	337								
			5TD	0050		2353	364	5	249	0	00	30861	. 0	171	153	338								
			OBS	0050		2353	364		249						153									
			OBS	0070		2346	364		249						153									
			STD	0075		2316	364		250		00	29642	2 0	447	153									
			085	0075		2316	364		250			2227			153									
			STD	0100		2144	36		257		00	23362	: 0	513	152									
			OBS	0100		2144	363		257 257		0.0	22644	_	571	152									
			085	0125		2086	366		257		00	22044		211	152									
			STD	0150		1976	365		260		nn	20420	. 0	425	152									
			085	0150		1976	365		260			20-20	, ,	- 2)	152									
			STD	0200		1871	364		262		0.0	18509	. 0	>22	152									
			085	0200		1871	364		262					-	152									
			STO	0250		1801	364	6	264		00	17205	0	611	152									
			085	0250		1801	364	58	254	0					152	224								
			STO	0300		1725	364	0	265	4	00	16010	0	694	152	209								
			085	0300		1725	363		265						152									
			STD	0400		1576	361		266		0.0	15118	3 0	050	151									
			OBS	0400		1576	364		266						151									
			510	0500		1313	356		269		00	12983	0	990										
			085	0500		1313	356		269		0.5			1 9 -	151									
			STD OBS	0600		1056	353		271		00	10972	1	110										
			STO	0600 0700		0851	351		271		00	09033	1	۷10	150									
			085	0700		0851	351		273		00	07033	, 1	-10	149									
			STD	0800		0647	350		275		0.0	06682	1	490	149									
			085	0800		0647	350		275			00000		- / 0	149									
			STD	0900		0526	350		276		0.0	05421	1	351	148									
			085	0900		0526	350		276						148									
			STD	1000		0467	350		277		00	04766	1	402	148									
			085	1000		0467	350	0.6	277	4					148									
			STO	1100		0453	349	9	277	4	00	04810) 1	450	148	373								
			085	1100		0453	349	192	277	\mathcal{L}_k					148	373								
			510	1200		0429	350		277	8	00	04554	• 1	497	148	374								
			085	1200		0429	349		277							379								
			STD	1300		0415	351		277		0.0	04468	1	542	148									
			OBS	1300		0415	349	198	277	9					148	390								

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

															,		,					
REFERENCE	SHIP			- 0 - 1	MARSDEN	STATION TIP	ME.	YEAR	ORIGI			4	DEPTH	MAX DEPT		WAVE ERVATIONS	WEA-	CODES		LT2	ODC	
CODE NO.	CODE	LATITU	DE LO	SAGITUDE BY		MO DAY HE	3/10	TEAR	CRUISE NO.	STAT		- 1	MOTTON	OF JAM'S	'S O IL	HGT TER SEA		7798 6.647	<u> </u>	NL	MIER	
							00 1	1968	A55 01	10		4	4938		25	0	X 2	03			010	
318059	I EV I	3842	N 10	6303 W	115 83 WAT		INO	BARO	A 10 T	EMP.	°C	VIS	NO. OBS.	te	ECIAL							
					COLOR	TEANS DIR.	SPEED	METE	R DRY		/ET c		OBS. DEPTHS		ZHOITAV							
					COOE		FOICE			+	-	7	31									
					TG	50 22	SOB	268	256	2			31									T.
	MESSENGE TIME 0	CAST	CARD	OFFIH (m)	7 %	5 %	SIGA	T-AN	SPECIFIC VOL	UALE ELE?	S Z	Δ D.		DCITT	03 ml/l	PO4=P #9 + 01/1	TOTA L-F	NO2=N ug = a1/i	NO3-N	1\10 a = 21 1\10 a = 24	pН	Č.
	HB 1-10	NO.	TYPE				ļ				×	103			-			-	-			+
							1	- 1			1		1	394		1) i		1.1
	'		STD		2636	3627	231		00401	76	00	00		394								
	000		OBS	0000	2636 2636	36268 3627	23		00402	1.8	00	40		395								
			STD 085	0010	2636	36268	23		00.01				15	395								
	003		085	0013	2596	36279	241							387								
			STD		2580	3628	24		00384	94	00	179		384								
			OBS	0020	2580 2493	36281 3624	24		00362	43	0.1	.16		365								
			ST0 085	0030	2493	36245	24		00,00					365								
			510		2471	3633	24		00350	88	01	88		365								
			085	0050	2471	36328	24		0.10.10					365								
			STD		2308	3665	25 25		00282	64	Ú Z	67		333								
			OBS	0075	2308	36648 3667	25		00234	3 3	0.3	332		293								
			\$10 085	0100	2133	36675	25		002-				15	293								
			085	0115	2046	36588	25							271								
			STO		2044	3664	25		00214	79	0.2	88		273								
			OBS	0125	2044	36638 36616	25 25							268								
			085 085	0130	1986	36540	25							259								
			STO		1964	3659		09	00198	93	04	. 39		255								
			085	0150	1964	36589	26							255								
			STE	0200	1896 1896	36608		28	00182	21	0 2	35		244								
			085	0200	1858	3659		36	00176	58	06	525		242								
			085	0250	1858	36586		36						242								
			STE	0300	1835	3657		40	00174	09	0	712		243								
			085	0300	1835	36567 3651		40	00170	144	0.	585		245								
			\$T(0400	1790 1790	36512		547	00110					246								
			STI		1727	3641		555	00166	57	13	U 5 3		243								
			085	0500	1727	36407		555						243								
			ST	0600	1614	361B		564	00160	13	1.	217		222								
			085	0600	1614 1385	36179 3579		85	00141	23	3	367		162								
			510 085	0700	1385	35788		85	0014				15	162								
			ST		1056	3531	27	711	00114	35	1	499		059								
			OBS	0800	1056	35306	2.7	711	00000	14.3	1	597		5059 4981								
			STI	0900 0900	0805	3510 35097		736 736	00088	003	1	291		4981 4981								
			085 085	0900	0776	35068		738						4971								
			085	0932	0772	35089		741						4973								
			ST		0665	3504		752	0007	255	1	67		4942								
			085	1000	0665 0538	35043 3497		752 763						4942 4902								
			OBS ST		0538	3497		764	9005	938	1	74.		4906								
			085		0534	34986		764					14	4908								
			ST	0 1200	0494	3500		771	0005	390	1	001		4900								
			085		0494	35002		771 774	000>	130	1	05.		4906 491a								
			\$T		0467 0467	3500 35001		774	0000	0	1			491								
			0B\$		0451	3501		776	0004	488	1	90	3 1	492	2							
			085	1400	0451	35006		776						492								
			ST		0435			777 777	0004	928	1	75		493								
			085	1500	0435	34998	6	111					-	4771								

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE	, , , ,						,																		
C187 IO.	COOE	LATITUD	E	ONGITUOE	NOC SO	RSDEN	12	ATION IGMT	TIME	YEAR	CRU	OILIGIN			DEPIN	MA: OEPT		WAVE SERVATI	ONS	WEA-	Crono			NODE	1
C008 NO,	2006	• 1	1/10	1/10	10°	11	MO	OAY	HR.)/10		CRU		TA TION		10110M	S'MPL		HGT PE		THER	TITE AM		5	TATION	
318059	EV	3805	N 0	6238 W	115	82	10	03	041	1968	A5	5 01	1		5029		21	0		x 2	0.3	_		0011	
						-	TER		WINO	- IAE	0-	A IR TEA	и9. °С	vis.	NO.		ECIAL	1 1	1	1	, 015	(0011	1
						COLOR		5 DIR	3566			ORY	WET	COD		OUSER	VATIONS								
						DT	SE	23	504	-	-	250	244	7	28	-	-								
	MESSENGE TIME	CAST	CARO			-			1	-				1		-		-	-	-				-	-
	HR 1/10	NO.	TYPE	QEPTH (m	1 '	7 10		s °/	SIG	MA-T	SPECI	MALT-III	WF 0	∆ D 1N. M 1 10 ³	VELO		03 ml/	PO ₄		TOTALEP	NO2=N	NO3-N	51 04-51	рН	S
	111	-		-	_		+		+		-		-	X 10°	-	-		1 -	-	µQ = 81/1	n8 - ot),	MB - 01	PB - 01/1		C
	1	' '	STO	0000	2	435	36	34	24	57	0.0	33789		000	153	AH									31
	041	(DBS	0000	2	435	36	336	24			,			153										
			STD	0010		430		33	24		0.0	33744	. 0	J 3 3	153										
		(DBS STD	0010		430		328	24						153										
	003	(OBS	0020		428 428		33	24		0.0	33739	9 01	067	153 153										
			STD	0030		426		33	24		00	33079	0	101	153										
		(OBS	0030		426		333	24	59					153										
		0	STD	0050 0050		426		34	24		00	33714	0	168	153										
)BS	0055		426 407		339	24						153										
			BS	0060	2	217		549	25						153 153										
			STD	0075	2	161	36	59	25	55	00	24717	0.4	41	152										
			BS	0075		161		597	25						152										
		C	OBS STO	0088		075 056	36	475	25		00	21550	_	99	152										
		С	BS	0100		056		658	25		00,	(1000	. 04	. 99	152										
		О	BS	0115		980		576	20						152										
		^	STD	0125		971	36		261		00	19758	03	551	152										
		U	STD	0125		971	36	620	260		001	18775	^	99	152										
		0	BS	0150		929		623	26		00.	[01/5	0 -	144	152 152										
			STD	0200		385	30		26		001	18022	04	91	152										
			BS	0200		985		502	26						152										
			STD	0250		549 349	30	58 577	26		00]	17702	05	80	152										
			STO	0300		349	36		26:		ana	7132	0.0	66	152										
			85	0300		319		552	264		001	11226	0.0	,00	152										
			STO	0400		772	30		264		00]	6065	0 a	36	152										
			BS	0400		772		480	264						152										
			85	0500		705	36	369	265		001	0410	10	03	152										
			STO	0600		85	36		206		001	5779	1 i	64	152										
			85	0600		85		120	200						152										
			STD BS	0700		372	35		266		001	3929	1.2	12	151										
			STD	0700		372	35		268		001	1966	1 4	42	1511										
			BS	0800		36	354		270		001	1400	14	42	150										
			STD	0900	0.6	393	35	. 5	272	7	00-	4559	10	51	150										
			BS	0900		193	35		272						150	lò									
			510 85	1000		55	350		275		300	7242	10	37	149.										
			STD	1100	05		350		276		000	5822	17	0.2	149										
			85	1100	05	41	350		276	6				-	1496										
			STO	1200		89	350		277		000	0 < 44	17	5.7	149										
			BS STD	1200		58	350		277		00-		1		1490										
			BS	1300		58	350		277		000	4961	10	08	1490										
			STD	1400			350		277		000	4793	10	57	1491										
			BS	1400	04	37	350	07	277	7					1491										
			STO	1500	0.4		300		277		000	4/06	7	0.4	1492										
		01	BS	1500	04	22	350	به ل	277	0					1492	2.7									

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1–5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE	91112	LATITU	OF LO	NGITUDE TO	MARSOEN	STATION	TIME I	YEAR		NATOR'S		DEPTH	OEPTI		WAVE ERVATIONS	WEA-	CLOUD			NOOC TATION	
CODE NO.	COOE	•	1/10	1/10 0 2	10* 1	MO DAY	HR,1/10		CRUISE NO.	STATION		MOTTOM	S'AFL		MGT PER SEA		THE AMT		Ň	UMBER	
318059	Ev	3735	3N 106	5218 W	115 7		054	1968		12		5194		21	0	X 2	0 3			0012	
					COL	OR TRANS OF	WIND	D MET	0-	EMP. *C	VIL	ND. OBS.	5 P	ECIAL							
					co	DE TRANS. OH	3 DRG			BULA	CODE	DEPTHS	DRZEN	VATIONS							
		, ,			0.	50 24	505	26	1 256	250	1	32			,						
	MESSENGE TIME HR 1/10	CAST NO.	CARD TIPE	DEPTH (m)	1 °C	\$ %.	510	SMA-T	SMCIFIC VOI	LUME C	E A D YN, M x 10 ³		INO DCHTV	02 ml/l		101A (P	NO3-N ug - 01/1	NO3-N va - el/I	\$1 O4~\$1 up = 01/1	ьн	5
	HR 1710			-			+-				* 10	+						-			H
	ı	1 1	510	0000	2434	3631	24	455	00339	67 0	000	15	347	1	1 1	'	ı			'	' '
	078		085	0000	2434			455	002/0	. 7 . 0	034		347								
			510 085	0010	243			455 455	00340	07 0	034		349 349								
			5TD	0020	2435	3631	24	+55	00340	75 0	068	15	351								
	003		085 5TD	0020	2435			455 454	00341	24 0	102		351 353								
			085	0030	2436			+54	00341	3 TF U	102		353								
			STD	0050	2434	3632	24	+56	00340	96 0	170	15	356								
			085 510	0050	2434			456	00260	95 0	245		356 294								
			085	0075	216			541	30200				294								
			STD	0100	1994	3647		91	00213	43 0	304		253								
			085 5TD	0100 0125	1994			591 513	00194	19 0	355		253								
			085	0125	1946			513		-			246								
			510	0150	189			525	00182	BO 0	402	15	236								
			085 5T0	0150 0200	189			525 535	00175	37 0	1492	15									
			085	0200	1860	36584	26	535					234								
			5TD	0250	1836			540 540	00172	53 0	579		235								
			0B5 5T0	0250	1836			543	00171	21 0	665		237								
			085	0300	181	36540	26	543				152	237								
			510	0400	177			549 549	00168	68 0	835		242								
			085 5T0	0400 0500	171			555	00166	31 1	002		239								
			085	0500	171	36378	26	555				152	239								
			510 085	0600 0600	1608 1608			564 564	00159	53 1	165		220								
			510	0700	1418			582	00143	35 1	317		173								
			0B5	0700	1418			5B2	00105		453		173								
			5T0 0B5	0800	1195			701 701	00125	/ 0 1	452		111								
			510	0900	090	3519	21	728	00098	58 1	564	150	019								
			OBS	0900	0909			728 749	00076	0.0 1	651		946								
			5T0 085	1000	0676			749	00076	00 1	051		946								
			STD	1100	0546	3500	2	764	00059	85 1	719	14	911								
			085 5TD	1100 1200	0546			764 772	00052	63 1	775	149	911								
			085	1200	0496			772	30072				907								
			STD	1300	0461	3502		775	00050	18 1	827		912								
			085 5TD	1300 1400	0461			775 77 7	00048	20 1	876		912								
			085	1400	0440	35009	2 7	777				149	918								
			510	1500	0416			777	00048	08 1	924		924								
	054		085 085	1500 T1507	0410			777 777					924 926								
	0,74		STD	1750	040:	3497	27	778	00048		046	149	960								
	0.5		STD	2000	0382			780	00048	74 2	168	149									
	054		085 510	T 2047 2500	0379			780 784	00047	44 2	408	150									
	054		085	2540	034	34967	2	784				150	070								
	0.5		STO	3000	030			786	00045	54 2	641	15:	132 138								
	054		085 085	3045 3555	029			787 788					211								
			STD	4000	0238	3491	2	789	00043	47 3	V 86	152	279								
	054		085 085	4059 4564	0236			789 789				152 153	288								
	054		085	T4663	022			789					391								

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1–5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE	1				-							_																
CTEY ID.	CODE	LATITU	DE	LONGITUDE	DEJ#T BMDCTs	SDUA	ARE	STA	TIDN	TIME	YEAR		CRUISE	RIGINA	ATION	_	DEPT		MAX.	DBS	WAVE SERVATION	15	WEA-	CLOUD			NODC	1
110.	\vdash		1/10	1/10	2	10*	1°	MD	DAY	HIL1710		_	NO.		UMBER		вотто	M 51	DF MPL°S	DIA	[HGT FIR]		CDDE	TIPE AM	-		NUMBER	
318059	EV	3720	N C	06200 W	1	15	72	10	03	127	196	8	A55	013			512	_		17	0	7.0	X1		1	-		
							WÄ	TER		WIND		20.		R TEM			ND.	7			10 1 1	- 1	^1	0 3	t	1	0013	}
						19	CDDE	IRAN	L DIII	SPIL	MI	TER			WET BULB	CODE		, De	SPEC SERVA	TIONS								
							DT	50	20	510		_	+	\rightarrow		-	_	1										
	MESSENGO						01	130	120	1310		61	25	0	250	7	24											
	TIME	CAST NO.	CARD	DEPTH 0	m)	T	C	1	٠/	SIG	MA-T	1	SPECIFIC I	VOLUM	YO 1	A D		DUND		02 ml/l	PD4-P	10	TAL-P	NO2-N	ND3-N	SI Daw	5.	5
	HR 1/10							-				\downarrow	ANUMA	, 7 = 1 1 E	x	103	VE:	LOCII	IA .	28 11171	νθ - 61/1		= 67/1	ug = a1/1	νg - σ1/1	MI - 01		C
	I	1 1			- 1			1				1														_	+	+1
	127		5TD 085	0000		24		36			48	-	0034	621	0.0	00		35			•	1		'		1		1 1
	14.		SID			24		36	272	24		,	00346	, , , ,	0.71	٠.		350										
			085	0010		24			270	24		(00340	000	00	34		35										
			510	0020		24		36		24		(0034	729	00	69		353										
	E00		085	0020		240			869	24								353										
			STO	0030		244		36.		24		(0034	733	01	04		355										
			085 ST0	0030		244			274	24								355										
			085	0050		244		36		24		(30340	197	01	72		358										
			STO	0075		233		365		25			00296	. 0.0	02	6.2		358										
			085	0075		233		36		25		,	10290	344	02	2		339										
			510	0100		21:		364		25		0	00258	192	03	22		302										
		4	085	0100		217		364	93	25	44				-			302										
			STD	0125		205		365		25		C	00224	40	03	8 2		275										
			085	0125		205		365		25								275										
		4	ST0	0150		197		366		26		0	0198	169	04	35		259										
		,	510	0200		187		366		260		_	00177		01.			259										
		(085	0200		187		366		26:		U	0177	00	05	29		239										
			STD	0250		183		365		264		0	0172	54	06	1 7		239 236										
		(285	0250		183	8	365		264			10112	J =4	00	. /		236 236										
			510	0300		180	16	365	2	264		0	0170	27	070	12		234										
		(085	0300		180		365		264								234										
		,	510	0400		176		364		265		0	0165	81	08	70	15	238										
		,	510	0400 0500		176		364		265								236										
		0	85	0500		170		363 363		265		0	0165	17	103	16	15											
			STO	0600		157		361		266		0	0155	5.4	119		153											
		0	085	0600		157		361		266		0	0133	20	115	70	152	210										
			STO	0700		137		357	5	268		0	0141	25	134	5	15											
		C	85	0700		137		357		268							151											
		0	STD 85	0800		111		354		270		0	0118	03	147	4	150											
		0	510	0800		111		354		270							150											
		0	85	0900		085		351 351		273		0	0094	15	158	0	149											
			STD	1000		063		350		273		0	0067	0.7	166	7	149											
		0	85	1000		063		350		275		0	0067	97	106	4	149											
			STO	1100		051		35U		276		01	0054	49	172	٦	148											
		0	85	1100		051	6	350	18	276					2.2		148											
		_	STD	1200		047		350		277	4	00	00500	05	177	5	148											
			85 510	1200		0471		350		277							148											
			85	1300		044		350		277		00	0047	77	182	4	149											
			510	1400		0421		350 350		277		0.4	2011	-			149											
		0	85	1400		0421		350i		277		Uŧ	00466) (187	1	149											
			STD	1500		041		350		278		00	00459	2.7	191	7	149											
		0	88	1500		0416		350		278		-		, ,	7 2 1	1	149											
																	1 7 7											

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

																				_						7
REFERENCE					, z	MAI	SOEN	STAT	ION T	IM.E	WF 4.0		ONGINA			DEPTH TO			WAVE ERVATION		WEA-	CLOUG			NOOC	
cres ID.	CODE	LATITE		LON	GITUDE ADDING		JARE 1°		GMTI DAY (H	9.7/7/	YEAR		IUISE \$1	A DITA	8	OTTO	M STAFF	'S Dil.	HGT HE	EA C	1001	1192 A M			NUMBE	1
CODE NO.			1/10		17.10	10*		-				1.	55 014		5	121		17	0		X 1	013			001	4
318059	Ev	3654	N	061	1385W	1115	61 WA1			58	1968		55 014			NO.	T									
							COLOR	TRANS	-	SPEED	BAI		ORY	T3.W	CODE	085.	OSER	ECIAL VATIONS								
							CODE	5#1	DIL	PORC	£ (m)	hsl	1010	BULB			-									
							DT	50	15	510	27	14	267	211	7	24										
			т—			T		Τ_		1		57	ACINC AOPRA	ME .	E △ D		DUND	02 ml/	PO4-P		A 1, - F	NO3-N	NO3-N			, s
	11368	CAST NO.	C/	RO TPE	DEFTH (m)	1	1 10	5	./	SIG	MA-T	1	NOMALT-11	2	x 10 ¹	VE	FOCILL		UB - 01/	FR	- 01/1	νg - 01/1	ug - e1/1	NO - 1	01/1	_ '
	HR 1/1	0	+-			+-		+		+		+													- 1	- 11
		1	1		0000	1	2556	36	26	24	14	١ ٥	03785	7 (0000	1:	5375									
		_	08	TO	0000		2556		260		14						5375									
	15	8		10	0010		2556	36		24	14	C	03787	1 (0037		5377									
			0.6		0010		2556	36	263		14						5377									
				TD	0020	- 1	2551	36			15	C	003787	5 1	0075		5377 5377									
	0.0	3	0.8		0020		2551		248		15	,	003756	2	0113		5378									
				016	0030		2544	36			18	(20 3130	_	0 . 1 . 2		5378									
			9.0		0030		2544	36	268		62		003347	7	0184		5349									
				510	0050		2406		293		162						5349									
			OE	55 570	0075		2344		43		91	(003085	1	0264		5339									
			08		0075		2344		428		91						5339									
				510	0100		2238		72		543	(002593	6	0335		5320									
			01		0100		2238		718		543			_	0200		5320									
				STO	0125		2184		71		558	-	002465	0	0399		5311									
			01	85	0125		2184		708		558		002109	>	0456		5276									
				STO	0150		2038		68 683		596 596		002109	~	0 + 30		5276									
				85	0150		2038		60		617		001930	9	0557	1	5255									
				STO	0200		1936		598		617					1	5255									
				85 510	0250		1859		559		636		001767	6	0049		.5242									
				85	0250		1859		5586	2	636						5242									
				STO	0300		1816		55		644		001706	8	0736		.5237 .5237									
			0	85	0300		1816		5550		644		001661	0	0905		15239									
				STO	0400		1766		549 5495		652 652		001001		0,00		5239									
				BS	0400		1766 1696		549: 636		658		001630	1	1069		15233									
				STO	0500		1696		635		658					1	15233	3								
				85 5TD	0600		1549		608		671		001527	79	1227		15201									
				85	0600		1549		607		671						15201									
				STD	0700		1329		572		691		00134	75	1371		15142									
			0	BS	0700		1329		571		691			. 7	149		15142 15078									
				STO	0800		1106		539		709		001170	J/	144		15070									
			0	185	0800		1106		539		709		00091	3.4	160		1500									
				510	0900		0869		520 520		735		00071.		0		15000									
			C	85 5T0	1000		0658		505		754		00070	80	168		14940									
			0	310	1000		0658		505		754						14941									
				5T0			0551	3	502	2	765		00059	01	174		1491									
			0	85	1100		0551	. 3	502		765				180		1491									
				STO			0493		502		2772		00052	22	180		1490									
			(280	1200		0493		501		2772 2776		00048	70	185		1491									
				STO			0466		504		2776		00046		,00		1491									
			(385	1300		0466		502		2779		00046	25	190		1491									
				510 085	1400		0434		502		2779						1491									
				5TC			0414		501		2780		00045	91	194	7	1492									
				OBS	1500		0414		500		2780						1492	4								

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE	т				MARSOEN	STATION T	144.5		T 0	RIGINA	TOR'S	-	DEPTH	MAK		V.	AVE	WEA-	CLOUD	T			7
Ctev 10.	COOE	LATITU	DE LO	NGHUDE TO	SOUARE	(GAT)	-	RA3Y	CRUISE	\$T	ATION	\dashv	TO MOTTOM	DEPTI		ORSER	IVATIONS	THER	CODIS			STATION	
CODE NO.	1000	•	1/10	1/10 3	10" 1"	MO DAY	IR.1710		NO.	PE	UMBER	-	BOLLOW	S' MPL	. "5 0	12, H	GT PRE SEA	CODE	1771 A W		-	NUMBER	4
318059	EV	3637	N 106	1246W	115 61			1968		015		,	4938		1	7 0		X1	0 3		- }	001	5
					-		WIND T sesso	BARO		R TEM	WET	VIS.	NO. OBS.	SP	ECIAL								
					CODE	TRANS DIR.	SPEAD ON FORC	t (mbs			BULB	CODI	DEPTHS	OBSER	VA TIQ	194.5							
					OT	50 15	509	254	4 26	1	211	7	24										
	MESSINGE	CAST	CARO			1	1		241 CITIC	VDITIN	٤ ر	A. O.	SOL	D ND	Ī.		PO4-P	1074 L-P	NON	NO3-N	510.	. e.	5
	HR 1/10	W NO.	TYPE	OEPTH (m)	2.1	5 1/4.	SIG	MA-T	ANOMA	L7-110	, DA	103	VELO	CITY	02	m1/)		μφ = H1/I	μg = α1/1	μg = 81/1	hf - g		C
	774 (770	\top				1	-						_									-	-
	1	1	STD	0000	2562	3628	24	14	0037	866	. ' 0 .	00	15	377				,					
	189)	085	0000	2562	36283	24						15	377									
			STD	0010	2559	3629	24		0037	762	0.0	37	15										
			085	0010	2559	36291	24							378									
			510	0020	2555	3629	24		0037	657	0.0	175	153										
	003		085 STD	0020	2555 2551	36294 3630	24		0037	571	0.1	13		379									
			DBS	0030	2551	36296	24		0031	2.1	0.	. 1 .	153										
			5 T D	0050	2486	3628	24		0035	879	01	186											
			DB5	0050	2486	36278	24	37					15	368									
			STD	0075	2413	3647	24		0032	526	0 <	72	15										
			085	0075	2413	36466	24		00.20	001	0.3		15:										
			5 T D DB5	0100	2336	3667 36668	25 25		0029	001	0.5	149	153										
			510	0125	2136	3656	25		0024	452	0.4	15	157										
			DB5	0125	2136	36558	25		002	772			15										
			510	0150	2044	3663	25		0021	663	04	73	15										
			085	0150	2044	36626	25						152										
			STD	0200	1926	3664	26		0018	738	0>	74	152										
			OB5 STD	0200	1926 1860	36643 3657	26 26		0017	920	0.0	65	152	253									
			085	0250	1860	36568	26		0011	030	00	,00	152										
			STD	0300	1824	3655	26		0017	278	0.7	53	152										
			DBS	0300	1824	36548	26	41					157	240									
			STD	0400	174B	3646	26		0016	419	0.9	22	157										
			DB5	0400	1748	36463	26			_			152										
			STO	0500	1689	3637	26		0016	027	10	184											
			OB5 STD	0500 0600	1689 1538	36371 3609	26 26		0014	964	1.2	39	157										
			085	0600	1538	36086	26		001-	704			15										
			STD	0700	1336	3574	26		0013	474	13	81	15										
			DBS	0700	1336	35738	26						151	145									
			STD	0800	1036	3531	27		0011	057	15	04	150										
			0B5	0800	1036	35308	27						150										
			STD OBS	0900	0833	3516 35158	27		0008	871	Io	03	149										
			510	1000	0638	3509	27		0006	54 B	16	80											
			DBS	1000	0638	35086	27		0000	, , ,	-		149										
			5TD	1100	0516	3501	27	69	0005	494	1.7	41	148										
			085	1100	0516	35013	27							399									
			STD	1200	0473	3503	27		0004	926	17	93	148										
			0B5 STD	1200 1300	0473	35026 3502	27		0004	630	1.6	41	148										
			DB5	1300	0442	35025	27		3004	0 0 0	10	1	149										
			510	1400	0422	3501	27		0004	550	10	86	149										
			DBS	1400	0422	35013	27						149										
			510	1500	0406	3501	27		0004	466	19	32	149										
			OB5	1500	0406	35008	27	81					149	920									

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

	т 1				-	,												MAT				,					
CIRT ID.	SNIP	LATITU	301	LONGITUOE	DEDIT INDC 18	SOL	SDEN .	TATZ	ON T	IME	YEAR	C	ORIG		OR'S		DEPTH	DEPTI		SERVATION	45	WEA-	CLOUD			NOOD	N I
CODE NO.	C005	*	1/10	1/1	0 2	10°	11	MO	AY H	R 1/10			NO.	NU	MEER		80170W	2, PV br	°5 OM	HGT ME	A12	3000	ITPE AM	1		NUMB	8
318059	Ev	3607	N	06057 W		115					1968	3 A		16			4920	1	12	0		×1	0 3			001	6
							WA	1	٧	THE	_ BA		AIR 1			VIS.	NO,	50	ECIAL								
							COOS	TRANS.	DIR.	1010	mi		DAY		W ET BULB	CODI	OEPTHS	93280	ZHORE								
							DT	50	12	509	`		239	+;	206	7	25										
	MESSENGE					Т	101	100		1		_			_	Ц.	1			T	Т	Т			T.		73
	BMT H# 1/10	er NO.	CAR		(m)	'	1 °C	2	1/++	21C	T-AM	17	TORIC VO	STAF	Ď,	A. 103		OCITY	Og ml/	PO2~P		07A1-P	NO3-N	NO3-N			4 0
	H# 1/10					-		+		-		+			1-	- 10	+			-	+	-		-	+	-	
	1		! 5 T	0 000	.0	, ,	518	362	В	74	27	1	0366	20	1	000	15	367		ļ	-	1			1		11
	225	,	085				518	362			27		0 000	20	00	,00		367									
			ST		0		518	362	9	24	28	0	0365	71	00	36	15	369									
			085				518	362			28							369									
			ST				518	362			27	0	0366	75	00	73		370									
	003	1	085 51				518	362			27	^	0367	27.	0.1	09		370 372									
			085				519	362		24		U	10 30 1	24	0.1	. 0 9		372									
			51				519	362			28	0	0367	71	01	83		375									
			085				519	362			28							375									
			085				519	363			29							378									
			51				406	364			77	0	0321	71	0 4	69		355									
			OBS				406	364		24			0.260	, e	0.2			355									
			ST OBS	010			266 266	367 366			34	U	0268	4 2	0 :	43		327 327									
			ST				136	367			74	0	0231	2.2	0.4	0.5		298									
			085				136	367		25								298									
			ST	0 015	Ü	2	066	366	9	25	89	0	0217	85	04	62	15	284									
			085				066	366			99							284									
			ST				950	366			19	0	0190	60	05	64		260									
			OBS				950 852	366		26	19	0	0174	3.0	0.6	55		260 240									
			085				852	365		26			0114	,,,	0.0	,,,		240									
			ST				820	365		26		0	0168	62	07	41		239									
			OBS	030	0	1	820	365	92	26	46						15	239									
			ST				765	365			54	0	0163	84	09	07		239									
			OBS				765	365		26		_						239									
			5T 085				684 684	363		26 26		O	0158	97	10	68		229 229									
			51				489	359		26		0	0146	1.2	1.2	21		181									
			085				489	359		26				-				181									
			5 T	0 070			266	356		27		0	0124	41	13	56	15	121									
			085				266	356		27								121									
			51				000	353		27		0	0105	15	14	71		043									
			0B5				009 773	353 351		27		0	0083	5.0	3 4	65		968									
			085				773	350		27			0002	, 0	1 -	0,5		968									
			ST				590	350		27		0	0060	86	16	37		912									
			085	100	0	0	590	350	55	27	63						14	912									
			ST				509	350		27		0	0051	04	10	93		896									
			OBS				509	350		27		-	004		, ,			896									
			5T 0BS				486	350 350		27		0	0046	0 2	1 4	42		904 904									
			51				436	350		27		0	0044	я я	1.7	88		899									
			085				436	350		27		J	00-4		4 '	00		899									
			51				418	350		27		0	0043	61	18	32		909									
			085	140			418	350		27								909									
			5 T				404	350		27		0	0044	06	18	76		919									
			085	150	0	C	404	350	13	27	81						14	919									

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE												_		MAI								7
CTOT ID.	SHIP	LATITU	JDE	LONGITUDE	MARSDEN SOLAR	STATION IGM1	TIME	YEAR	CRUISE	RIGINA	Z'ROT		DEPTH	DEPT		WAVE	W EA-	CODES			NODE	
C008 NO.	CODE	•	1/10	1/10	10" 1"	MO DAY	H# 1/10		NO.		MBER		BOTTOM	S'MPL	"S OIR.	HG7 PBR SE				1	4 DWSEE	
318059	EV	3542	N	06046 W	115 50	10 04	016	1968	A55	017			4755		14		1 42	0 3			0017	
						ATER	WINO	BAR	1 6	IR TEM	P. °C	VIE	NO.	6.0	ECIAL			, , ,			001,	1
					COLC		5PE21				W Et BULB	COD	DEPTHS	08268	ZHOITAV							
					TC	SD 14	_			\rightarrow	239	7	25									
	MESSINGA	T .			121	100 114	T				-	<u> </u>				_				Т	1	-
	COME (P NO.	CAR		1 70	\$ %,	SIG	T-AM	SPECIFIC	VDLUM	D Y	103	VEFO	JUD JUD	O2 m1/1	PQ4=P 94 = 81/1	1014L=P vs - 01/1		NO3=N sg = et/1	\$1 0 a - \$	рн	i
	H# 1/10	-	-		_		+				1	10-				-			pg - uni	pg - u		-
	I	1) 5 T	0000	2555	3627	24	15	0037	730	00	nn	153	375		1		I			1	-
	016		085		2555	36273		15	005.		0.0		153									
			ST		2554	3629	24	17	0037	634	ΟŪ	37	153	377								
			085		2554	36288		17					153									
			ST		2554	3629		17	0037	639	00	75	153									
	003		085		2554 2554	36293 3629		17	0037	671	01	1 2	153									
			085	0030	2554	36294		17	0057	011	0.1	73	153 153									
			ST		2525	3629		26	0036	944	01	87	153									
			085	0050	2525	36288		26					153									
			ST		2437	3635		5.8	0034	016	02	76	153									
			OBS	0075	2437	36355		58					153									
			ST OBS		2250	3664		34	0026	789	0.3	52	153									
			085	0100	2250	36645 36647		34 64					153 152									
			ST		2136	3673		73	0023	231	04	14	152									
			OBS	0125	2136	36728		73	0020				152									
			ST	0 0150	2036	3663	25	93	0021	417	04	70	152									
			085	0150	2036	36631		93					152									
			ST		1923	3663		23	0018	737	05	71	152									
			085	0200	1923 1858	36633 3658		23	0017	212	00		152 152									
			085	0250	1858	36578		35	0017	112	00	02	152									
			51		1813	3653		43	0017	156	07	49	152									
			085	0300	1813	36528	26						152									
			ST		1756	3646		52	0016	595	09	18	152	35								
			285	0400	1756	36465	26						152									
			\$1 085	0500 0500	1656	3628		62	0015	957	10	80	152									
			51		1656 1454	36276 3592		62 80	0014	3.7.1	14	2.2	152 151									
			085	0600	1454	35917		80	001.	-11		,,	151									
			ST	0700	1117	3539		07	0011	714	13	62	150									
			085	0700	1117	35390		07					150	66								
			ST		0855	3513	27		0009	216	14	67	149									
			085	0800	0855	35134	27		0007		1.6.		149									
			085	0 0200	0629 0629	3501 35008	27	54	0006	640	15.	4 /	149									
			5T		0524	3501		67	0005	528	16	0.9	149									
			085	1000	0524	35006	27		3003			-	148									
			ST		0474	3501	2.7		0004	971	16	62	148									
			085	1100	0474	35007	27						148	81								
			ST		0455	3501	27		0004	822	17	11	148									
			085	1200	0455	35008	27		2001		1.7	s n	148									
			085	0 1300 1300	0435 0435	3501 35008	27		0004	062	17	200	148									
			ST		0416	35008	27		0004	530	18	14	148									
			085	1400	0416	35005	27		5007			-	149									
			ST	0 1500	0405	3500	27		0004	523	18	49	149									
			085	1500	0405	34998	27	80					149	20								

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1–5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE	SHIP	LATITU	06	101	GITUDE \$2	MAR	SOEN	STA	ION TE	ME	EAR .	O RIGINA		_	DEPTI		OBS	WAVE ERVATIONS	W EA-	CLOUD		N000	
CODE NO.	COOE	LATITO	1/10	LON	GITUDE E	100	11"		DAY IH				MATION		10110		1	HGT PTE SE		TYPE A WI		NUMB	E R
	Ev	3520		240		115	50	10		_	968	A55 018		4	+736		12	7	X1	0 3		001	8
318059	EV I	37%6	1.4	1000	7221W I	1117	WA			VIND	BARD	A IR TEAL		TT	NO.		CIAL		1	, 0.5		, 002	. • (
							CODE	TRANS	DIR.	37110 Q1	METER	DAY	WET	COOR	DAS.	Cases.	ATIONS						
									+	10101	-			+		-							
						_	DT	SU	14	508	240		217	1 1	34								
	MESSING! TIME	CAST NO.	CA	PE PE	DEPTH Del	1	10	5	./	SIGM	A-1	SPECIFIC VOLUM	AP D	A D		OUNG	0 2 ml/1	PO4-P HB - 61/1	101AL=P	NO3-N ug - 01/1	NO3-N 5	1 Oa-52 28 - 01/1	H C
	HR 1/10			``		-		+-		-			- '	103	-			1	50		pg - u 1	1 - 1 - 1	
		1	١.	-	2020			1	1.0	1	,	0035248	.	000	1	5350						1	11
	050	,	08	TD	0000		450 450	36	193	244		0030240	01	300		5350							
	000			TD	0010		449	36		244		0035234	- 00	35		5351							
			0.8	S	0010		449		197	244						5351							
				TD	0020		449	36		244		0035265	01	070		5353 5353							
	003		08 08		0020		449		198 253	244						5354							
				TD	0030		426	36		246		0032989	0	104		5352							
			08	5	0030	2	426		428	246	6					5352							
				TD	0050		268	30		252		0027301	0	164		5318 5318							
			08	S TD	0050		268 105	36	516	252 257		0022511	0.	227		5282							
			OB		0075		105		88	257						5282							
				TD	0100		978	36		260		0019776	0.	460		5251							
			OB		0100		978	30 36	629	260		0010/00		527		5251 5235							
			08	TO c	0125		908		990 990	262 262		0018400	,	221		5235							
				TD	0150		858	36		263		0017219	0	372		5225							
			0.8		0150		858		98	263						5225							
			S 08	TD	0200		832 832	36	57 566	264 264		0016996	· 0	457		5226 5226							
				S TU	0250		839	36		264		0016910))	042		5227							
			OB		0250		809		525	264					1	5227							
				TD	0300		773	36		264		0016499	0	626		5224							
			08		0300		773 679		487 346	264 266	1					5224 5207							
			08		9394		696	36	434	266	4					5215							
			5	TD	0400	1	679	36	37	266	3	0015498	0	786		5211							
			98		0400		679		368	266		001/1/				5211							
			0 B	0.0	0500		450 450	35	90 897	267 267		001414	. 0	934		5151 5151							
				TD	0000		140	35		270		001154	2 1	062		5058							
			03		0600		140		440	270						5058							
				TD	0700		933	35		272		000991	5 I	170		4997							
			08	TD	0700 0800		1933	35	189	272		000731	3 1	256		4916							
			08		0000		684	35	J 33	274		000.01				4916							
				TD	0900		547	35		276		000058	1 1	320		4878							
			08	S TD	1000		1547	35 35	025	276 277		0004890	1	372		4878 4670							
			08		1000		486		025	277		0004070	, ,	216		4870							
			5	TD	1100	0	461	35	U 3	277	6	000465	1	420	1	4876							
			0.8		1100		461		027	277		000//0				4876							
			08	CT	1200		1440	35 35	03	277		000448	5 1	466		4884							
				TO	1300		418	35	01	278	0	000441	5 1	>10	1	4894							
			08		1300		410		011	279						4892							
			0.8	OT	1400		1405	35	U07	278 278		000437	1 1	154		4903							
				TD	1500		1396	35		278		000435	1 1	598		4916							
			0.9		1500	0	1396		005	279	2					4916							
	06.	2	0.8		T1575		387		966	277		000/50	0 1	710		4924							
				TO	1750 2000		377	34		278 278		000459		710		4950 4985							
	06	2	08		T2147		1348		966	278		000400	. 1	- 6 -1		5005							
			5	TD	2500	C	315	34	95	278	6	000437	9 2	048	1	5051							
	0.6	2	08		2677		1298		948	278		000/00		2 ()		5074 5115							
	06	2	08	STD IS	3000 13225		264		93	278		000408	, 2	260		5147							
	06		08		3794	6	230	34	903	278	9				1	5239							
			S	CT3	4000	C	223	34	90	279	0	000414	3 2	671	1	5272							
	06		08		T4308		221		901	279 279						5326 5343							
	06	4	0.8	5	T4404	(1266	54	,00	219	0				4	2242							

Table V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7–8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.

CTET ID. CODE LATITU			**************************************		ORIGINATO	are [MAI,	WAVE		CLOUD		
	LONGITUDE	MARSOEN SQUARE	STATION TIME (GMT)	YEAR	CRUISE STAT	ION	DEPTH TD BOTTOM	DEPTH DF S'MFL'S	DESERVATIONS	WEA- THER CODE	CODES		NODC STATION NUMBER
311384 YA 3515	N 06018 W	115 50	11 07 092	1968	A56 001		4371	14	08 3 3	×1	8 5		0001
		COTO	TEANS DIE 19	EEO METI	ER DRT V	VET CODI	DES. DEFTHS	S PEC IA DESERVAT	ions				
		-	04 51			80 7	14						
MESSENGO CAST	CARD DEPTH	(m) 1 %	5 %,	SIGMA-T	1PECIFIC VOLUME ANDMALT-E18*	₹ △ D DYN. M g 10 ³	. VELO		2 ml/s POa=P pp = er/t	101A L=P	NO3=N ug = a1/1	NO3-N 98 - 01 I	51 O4=51 PB - 01/1 PH C
HR 1/10							1.5						
092	085 000	0 2276	36359 2	2505	0029169	0000	153	309					
	5TD 001	0 2277	3636 2	505	0029212	0029 0058	153	13					
092	085 002 5TD 003			2505 2505	0029303	0088	153 153						
092	5TD 005			2504	0029462	0146	153 153						
092	5TO 007	5 2220		2531	0026972	0217	153 153						
	STD 010	0 2062	3667 2	589	0021623	0278		74					
092	STD 012	5 1979	3663 2	800	0019880	0330	152	255					
092	5TD 015	0 1918	36602 2	622			152	42					
092	51D 020 085 1020	0 1861	36577 2	2634	0017612	0468	152	34					
092	510 025 085 029			2639 2643	0017352	0556	152	233					
092	STD 030			2643	0017131	0642	152 152						
092	STD 040	0 1741		2652	0016547	0610							
092	5TD 050 085 T058	0 1625	3628 2	2669	0015213	0969	152						
0,2	5TD 060	0 1425	3587 2	2682	0014092	1116		59					
092	085 076	4 0984	35264	720	0009548	1351	150	27					
	5TD 080 5TD 090	0 0711	3506	2747	0007669	1437		944					
092	085 T095	0 0606	3501 2	2754 2757	0006672	1509	149	918					
	5TD 110		3501	2763 2769	0006125	1572 1031	149						
092	STD 130			2774	0005058	1084	149						
				,									
CTHY ID. CODE LATITU	IDE LONGITUDE	MARSDEN SOUARE	STATION TIME (GMT)	YEAR	CRUISE STAT	1014	DEFTH TO BOTTOM	DEPTH DF S'MPL'S	ORSERVATIONS	WEA- THER CODE	CLOUD CODIS		NODC NOITATZ NOSEMUN
311384 YA 3540		115 50	11 07 115	1968	A56 002		4389	14	04 3 3	×1	3 6		0002
		COLOR	TRANS DIR SPI	METI	ER DRY W	ET CODE	DEFTHS	SPECIA					
			(at) PD		4 0111.0 0.1				.0.143				
		-	07 51	-		64 8	14						
MESSENGE CASE	CARD DEPTH			-		64 8	-	NO O	2 ml/l PO 4-P	FOTAL=P	NO2=N 18 = 81/	NO ₃ N	51 O a = 51 NO = 01/1
MESSENGE CASE TIME OF NO. He 1/10	TYPE OFFIN	(m) † °C	s */ s	8 16 1GMA-1	4 251 1	54 8 \$△ D DYN. M 2 10 ³	SOUI VELO	ND D	2 ml/l PO 4-P				
	5TO 000 085 000	0 2297 0 2297	3639 36392 2	8 16 1GMA-1	4 251 1 SPECIFIC VOLUME ANOMALT-X19? 0029507	64 8 5 0 0 07N. M 2 10 ³	14 sourvecon	NO 0	2 ml/l PO 4-P			NO ₃ N vg = of 1	
115	5TO 000 085 000 5TD 001 5TD 002	0 2297 0 2297 0 2297 0 2298	3639 2 36392 2 36392 2 3639 2 3639 2	8 16 16MA-T 1502 1502 1502 1502	4 251 1	54 8 \$△ D DYN. M 2 10 ³	153 153 153 153	ND CITY 0	2 ml/l PO 4-P			NO ₃ N ug - of I	
Ha 1/10	5TO 000 085 000 5TD 001 5TD 002 085 002 5TD 003	0 2297 0 2297 0 2297 0 2297 0 2298 4 2298 0 2299	3639 2 36392 2 36392 2 3639 2 3639 2 36392 2 3639 2	8 16 1GMA-1 502 502 502 501 1501	4 251 1 SPECIFIC VOLUME ANOMALT—I 197 0029507 0029558	54 8 54 8 54 0 54 0 54 0 57 0	153 153 153	ND D	2 ml/l PO 4-P			NO ₃ N ug + of 1	
115	5TO 000 085 000 5TD 001 5TD 002 085 002	0 2297 0 2297 0 2297 0 2298 4 2298 0 2299 7 2300	3639 2 36392 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2	8 16 1GMA-T 2502 2502 2502 2501 2501	4 251 1 SPECIFIC VOLUME ANOMALT—X197 0029507 0029508 0029608	64 8 \$\int \Delta \Del	153 153 153 153 153	NO CITY 0	2 ml/l PO 4-P			NO ₃ N ug·of!	
115	5TO 000 085 000 5TD 001 5TD 002 085 002 5TD 003 085 004 5TO 005 085 007 5TO 005	0 2297 0 2297 0 2297 0 2298 0 2298 4 2298 0 2299 7 2300 0 2301 1 2304 5 2279	3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 3 3639 3	8 16 16MA-1 502 502 502 501 501 501 501 50	4 251 1 SPECIFIC VOLUME ANOMALT-119? 0029507 0029508 0029608	64 8 E △ D D D N N N N N 10 ³ 0000 0030 0059 0089	153 153 153 153 153 153 153 153 153 153	NO CITY 0	2 ml/l PO 4-P			NO ₃ N vg·oil	
115 115 115	510 000 085 000 51D 001 51D 002 085 002 51D 003 085 004 510 005 510 005	0 2297 0 2297 0 2297 0 2298 4 2298 0 2299 0 2300 0 2301 1 2304 5 2279 4 2172	3639 2 36392 2 3639 2 3639 2 3639 2 36391 2 36391 2 36391 2 36391 2 3644 2 36607 3	8 16 16MA-1 2502 2502 2502 2501	4 251 1 SPECIFIC VOLUME ANOMALT-119? 0029507 0029508 0029608 0029667 0029809	0000 0000 0030 0059 0148	153 153 153 153 153 153 153 153 153 153	NO CITY D	2 ml/l PO 4-P			NÖ ₃ N vg + of I	
115 115 115 115	570 000 085 000 57D 001 57D 002 57D 003 57D 003 085 004 570 005 085 007 57D 010 57D 010 57D 012	0 2297 0 2297 0 2297 0 2297 0 2298 4 2298 0 2301 1 2304 2172 0 2146 5 2049	3639 2 3639 2 3644 2 3660 7 3661 2	8 16 16MA-1 2502 2502 2501 2501 2501 2501 2501 25	4 251 1 SPECIFIC VOLUME ANOMALT-119 0029507 0029558 0029608 0029667 0029809	0000 00000 00000 00000 00000 00000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000	153 153 153 153 153 153 153 153 153 153	NO CITY 0	2 ml/l PO 4-P			NO ₃ N vg · of 1	
115 115 115 115 115 115	STO 000 085 000 5TD 001 5TD 002 085 002 5TD 003 085 009 5TD 005 085 009 5TD 010 085 009 5TD 010 085 014 5TD 015 085 019	0 2297 0 2297 0 2297 0 2297 0 2298 4 2298 0 2390 0 2301 1 2304 5 2279 4 2172 0 2146 5 2049 2 1995 0 1975	3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3636 2 36607 2 36607 2 3662 2 3662 2	8 16 16MA-1 1502 1502 1501	4 251 1 SPECIFIC VOLUME ANOMALT—1197 0029507 0029567 0029667 0029809 0028962	0000 00000 00000 00000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 00000 0000 00000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000	14 \$5000 \$153 153 153 153 153 153 153 153	NO CITY 0 15 15 15 17 18 18 12 2 3 12 4 12 2 3 10 1 19 5 16 2 2 8 12 3 10 1 19 5 16 16 16 16 16 16 16 16 16 16 16 16 16	2 ml/l PO 4-P			NO ₃ N vg·oil	
115 115 115 115 115	510 000 085 000 085 000 5TD 001 5TD 002 5TD 003 085 004 5TD 007 5TD 007 085 007 5TD 012 085 014 5TD 015 085 017 085 018 5TD 010 5TD 012 085 018 5TD 012 085 018 5TD 012 085 018 5TD 012	0 2297 0 2297 0 2297 0 2298 4 2298 0 2298 0 2301 1 3304 1 5 2279 4 2172 0 2146 5 2049 2 1975 8 1898 0 1889	3639 2 3639 2 3644 2 3660 2 3662 2 3662 2 3660 2	8 16 16MA-1 1502 1502 1501 1501 1501 1501 1501 1501 1501 1501 1501 1501 1501 1501 1501 1501 1501 1501 1501 1502 1502 1502 1502 1503	4 251 1 INCHE VOLUME ANOMALITATION 00 2950 7 00 2950 8 00 2960 8 00 2966 7 00 2980 9 00 2896 2 00 24246 00 21728 00 19943 00 18130	0000 00000 00000 00000 00000 00000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000	SOUID VELO 153 153 153 153 153 153 153 153 153 153 152 1	NO CITY 0 15 15 15 17 18 119 1220 1224 1228 1224 1228 1224 1228 1224 1228 1224 1228 1224 1228 1224 1228 1224 1228 1228	2 ml/l PO 4-P			NO ₃ N vg·ofi	
115 115 115 115 115 115	510 000 085 000 085 000 085 000 085 000 085 002 085 002 085 004 510 003 085 007 510 015 510 015 510 015 510 015 510 015 510 015 510 015 685 014 510 015 685 014 510 015 685 014 510 015 685 014 510 015 685 014 510 015	0 2297 0 2297 0 2297 0 2298 4 2298 0 2299 0 2300 0 2301 15 2279 4 2172 0 2146 5 2049 2 1995 0 1895 0 1885 0 1889 0 1885	3639 2 3639 2 3644 2 3660 2 3600 2 3600 2 3600 2 3600 2 3600 2 3600 2 3600 2 3600 2 36	8 16 16MA-T 1502 1502 1502 1501 1501 1501 1501 1501 1501 1501 1501 1501 1501 1608 1608 1608 1627 1635 1639	4 251 1 INCIDIC VOLUME ANOMALITATION 2 00 2950 7 00 2950 8 00 2960 8 00 2966 7 00 2980 9 00 2896 2 00 24246 00 21728 00 1994 3 00 1813 0 00 1769 3	0000 00000 00000 00000 00000 00000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000	153 153 153 153 153 153 153 153 153 153	NO CITY D 115 117 118 119 120 1224 128 129 129 129 129 129 129 129 129 129 129	2 ml/l PO 4-P			NO ₂ N vg·of l	
115 115 115 115 115 115 115 115	5TO 000 085 000 5TD 001 STD 002 085 004 STO 005 STD 007 085 007 085 007 085 007 085 007 085 014 STD 015 STD 015 STD 015 STD 025 STD 025 STD 026	0 2297 0 2297 0 2297 0 2298 4 2298 0 2299 1 2300 0 2301 1 2304 5 2279 0 2146 5 2049 2 1995 0 1975 8 1889 0 1889 0 1889 0 1836	3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 1 3639 1 3644 2 3660 2 3661 2 3662 2 3662 3 3662 3 3660 2 3657 2 3655 2 3655 2 3655 2	8 16 10MA-1 502 502 502 501 501 501 501 501 501 551 603 603 603 6627 6635 6636 6647	4 251 1 IMCINIC VOLUME ANDMALT-119 0029507 0029508 0029667 0029809 0028962 0024246 0021728 0019943 0018130 0017693 C017405	0000 0000	164 SOUTH	NO CITY D 15 115 117 118 119 120 123 1228 123 101 1558 142 140 140 140 140 140 140 140 140 140 140	2 ml/l PO 4-P			NO ₃ N NO ₃ N	
115 115 115 115 115 115 115 115 115	5T0 000 085 000 5TD 001 STD 002 085 002 STD 003 085 004 STD 005 STD 007 STD 007 STD 007 STD 007 STD 007 STD 007 STD 007 STD 010 STD 010 STD 010 STD 010 STD 010 STD 010 STD 010 STD 010 STD 020 0 2297 0 2297 0 2297 0 2298 4 2298 4 2298 0 2299 7 2300 0 2301 1 2304 5 2279 4 2172 0 1995 0 1995 1 1898 0 1889 0 1889 0 185 1 1836 0 1827 3 1787	3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 1 3644 7 3661 2 3660 2 3662 2 3662 8 3660 2 3660 2 3600 2 36	8 16 16MA-1 502 502 502 501 501 501 501 501 551 561 588 608 6627 6635 6635 6640 6647	4 251 1 SPECIFIC VOLUME ANOMALT—1197 0029507 0029558 0029608 0029667 0028962 0024246 0021728 001943 0018130 0017693 0017100	0000 0030 0059 0148 0346 0398 0582 0670 0843	164 Source NO CCITY 0 115 115 117 118 120 223 223 223 224 224 224 420 440 440 440 440 440 440	2 ml/l PO 4-P			NO3 N v8 of 1			
115 115 115 115 115 115 115 115 115 115	STO	0 2297 0 2297 0 2297 0 2297 0 2298 4 2298 0 2301 1 2304 5 2279 2 1172 2 1146 5 2049 2 11995 0 1975 8 1898 0 1889 0 1889 0 1885 1 1836 1 1836 1 1837 1 1787 0 1787 0 1787	3639 2 36392 2 36392 2 3639 2 3639 2 36391 2 36391 2 36391 2 36391 2 36391 2 36391 2 36401 2 3661 2 36628 2 36628 2 36628 2 36604 2 36604 2 36604 2 36604 2 36604 2 36604 2 36604 2 36604 3 36604 3 36	8 16 16WA-T 1502 1502 1502 1501 1501 1501 1501 1501 1554 1603 1608	4 251 1 SPECIFIC VOLUME ANOMALT - 1197 0029507 0029508 0029608 0029667 0028962 0024246 0021728 0019943 0017693 C017405 0016664	0000 0030 0059 0148 0346 0398 0582 0670 0443 1012	153 153 153 153 153 153 153 153 153 153	NO CITY 0 115 115 117 118 120 223 224 228 201 1995 440 440 440 440 440 440 4223	2 ml/l PO 4-P			NO3 N up + 61 1	
115 115 115 115 115 115 115 115 115 115	STO	0 2297 0 2297 0 2297 0 2298 4 2298 0 2299 0 2300 1 1 2304 1 2304 2 172 0 2146 5 2279 4 2172 0 2146 5 1995 8 1898 0 1885 1 1836 0 1827 3 1787 7 1785 7 1785 7 1785 7 1785 7 1785 0 1540 0 1540 0 1540	3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 1 3639 1 3639 2 3660 2 3660 2 3660 2 3662 8 3662 8 3660 4 3657 2 3660 4 3660 4 36	8 16 16WA-T 1502 1502 1502 1502 1502 1502 1501 1501 1501 1501 1501 1501 1501 1501 1501 1501 1501 1501 1501 1502 1603	4 251 1 SPECIFIC VOLUME ANOMALT—1197 0029507 0029558 0029608 0029667 0028962 0024246 0021728 001943 0018130 0017693 0017100	0000 0030 0059 0148 0346 0398 0582 0670 0843	153 153 153 153 153 153 153 153 153 153	ND	2 ml/l PO 4-P			NO ₃ N vg · el 1	
115 115 115 115 115 115 115 115 115 115	STO	0 2297 0 2297 0 2297 0 2298 4 2298 0 2298 0 2301 1 2304 1 2304 1 5 2279 2 172 0 2146 5 2279 6 1995 0 1995 0 1975 8 1898 0 1889 0 1885 0 1827 7 7 1785 7 7 1785 7 7 1719 0 1540 0 1540 0 1540 0 1293 3 1183 3 1183	3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3638 7 2 3660 2 3650 2 3662 2 3662 8 3662 8 3662 8 3657 2 3660 4 3657 2 3664 9 3657 2 3664 3 3654 3 3664 3 3664 3 3664 3 3665 2 3665 2 3665 2 3666 3 3666 3	8 16 1604-1 502 1502 1502 1502 1501 1501 1501 1501 1501 1608 1608 1608 1609	4 251 1 INCINC VOLUME ANOMALY LEP 00 2950 7 00 2950 8 00 2960 8 00 2960 8 00 2960 7 00 2896 2 00 24246 00 2172 8 00 1740 5 00 1740 5 00 1740 5 00 1666 4 00 1527 9 00 10 378	00000 0030 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 005	153 153 153 153 153 153 153 153 153 153	ND CITY 0 115 115 117 118 119 122 122 132 142 140 140 140 140 140 140 14	2 ml/l PO 4-P			NO ₃ N vg. el 1	
115 115 115 115 115 115 115 115 115 115	STO	0 2297 0 2297 0 2297 0 2298 4 2298 0 2298 0 2301 1 2304 1 2304 1 5 2049 2 1795 0 1889 0 1889 0 1885 1 1836 0 1827 7 1785 7 1785 7 1785 7 1785 8 0 1540 0 1293 3 1183 0 1293 1 1836 0 1293 1 1836 0 1293 1 1836 0 1857 0 1790 0 1690	3639 2 3639 2 3649 2 3660 2 3662 2 3662 2 3662 2 3662 3 3649 2 3649 2 3649 2 3649 2 3649 2 3655 2 3649 2 3659 2 3660 2 3650 2 3650 2 3660 2 3600 2 3600 2 3600 2 3600 2 3600 2 3600 2 3600 2 3600 2 36	8 16 16MA-1 1502 1502 1502 1501 1501 1501 1501 150	4 251 1 INCHE VOLUME ANOMALITATION 00 2950 7 00 2950 8 00 2960 8 00 2960 8 00 2960 7 00 2896 2 00 24246 00 21728 00 19943 00 18130 00 17693 00 17405 00 17100 00 16664 00 15279 00 1330 7 00 10 37 8 00 80 46	11 1 1 1 1 1 1 1 1	153 153 153 153 153 153 153 153 153 153	NO CITY D 115 115 115 117 118 122 123 124 128 129 129 129 129 129 129 129 129 129 129	2 ml/l PO 4-P			NO ₃ N vg. et 1	
115 115 115 115 115 115 115 115 115 115	STO	0 2297 0 2297 0 2297 0 2298 0 2298 0 2301 1 2304 1 2304 1 2304 2 172 0 2172 0 2172 0 1975 8 1898 0 1889 0 1889 0 1885 1 1787 0 1787 0 1787 0 1787 0 1787 0 1787 0 1790 0 1636 0 1636	3639 2 3639 2 3649 2 3662 3 3662 3 3662 3 3662 3 3662 3 3662 3 3662 3 3662 3 3662 3 3663 3 3663 3 3663 3 3663 3 3664 3 3664 3 3665 2 3664 3 3665 2 3665 2 36	8 16 1604-1 1502 1502 1502 1502 1501 1501 1501 150	4 251 1 INCINC VOLUME ANOMALY LEP 00 2950 7 00 2950 8 00 2960 8 00 2960 8 00 2960 7 00 2896 2 00 24246 00 2172 8 00 1740 5 00 1740 5 00 1740 5 00 1666 4 00 1527 9 00 10 378	00000 0030 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 0089 0059 005	193 153 153 153 153 153 153 153 153 153 15	NO CITY D 115 115 115 115 116 117 118 119 120 1224 1228 101 195 144 162 144 140 144 140 144 140 144 140 144 140 144 140 144 140 144 140 144 140 144 140 144 140 144 140 144 140 144 140 144 140 140	2 ml/l PO 4-P			NO, N vg. el 1	
115 115 115 115 115 115 115 115 115 115	STO	0 2297 0 2297 0 2297 0 2297 0 2298 4 2298 0 2300 1 2300 1 2300 4 2172 0 2146 5 2049 0 1975 8 1898 0 1885 1 1886 0 1887 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 2 3639 1 3639 2 3660 2 3660 2 3662 8 3662 8 3662 8 3662 8 3662 8 3660 4 3657 2 36649 5 3649 5 3659 6 3659 6 3	8 16 16WA-T 1502 1502 1502 1502 1501 1501 1501 1501	4 251 1 SPECIFIC VOLUME ANOMALT - 1197 0029507 0029508 0029608 0029667 0028962 0024246 0021728 0019943 0017693 0017405 0017100 0016664 0015279 001378 0010378 0010378	10 10 10 10 10 10 10 10 10 10 10 10 10 1	193 153 153 153 153 153 153 153 153 153 15	NO CITY D 115 115 115 115 116 119 120 223 224 228 201 195 40 40 40 40 40 40 40 40 40 40 40 40 40	2 ml/l PO 4-P			NG , N ,	

Table V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7–8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

REPERENCE SNIP	06 101	GITUGE STOR	MARSOEN	STATION TIME	YEAR	CRUISE STA		10 0	OP CASE	WAVE EVATIONS	WEA- THER COOK	CODES		51	NOOC FATION UMBER	
COOL NO. COUL	1/10	1/10	10" 1"	MO OAY HR.	1/10	NO. NU		,		HGT FER SE	-	TYPE AM	1		_	
311384 YA 3605	N 06	100 W	115 61	11 07 1	46 1968			4389	16 06	3 2	X 2	6 8		1	0003	
			WAT		BAR		VIS	NO. 085.	SPECIAL							
			COLOR	TEANS. CIR.	OR LINE		VET CODE	DEPTHS OF	BSERVATIONS							
			0001		519 17		61 7	14								
				09	319 11	3 1 100 1		14								\neg
MESSINGE CAST TIME OF NO. HR 1/10	CARO	OFFTH (m)	7.5	5 %.	SIGMA-S	SPECIFIC VOLUME ANDMALT-EIS?	₹ △ D DYN. M I 10 ³	30UNO VELOCI		PO 4=P μg + α1/1	TOTAL=9 +8 - 41/1	NG2-N	NO3-N VB - 01/I	\$1 0 a = \$1 vq - a1/1	gΗ	000
			i									Į.			1	11
•	510	0000	2312	3631	2491	0030498	0000									
146	085	0000	2312	36312	2491			1531								
	STD	0010	2312	3631	2491	0030556	0031	1531								
	STD	0020	2313	3631	2491	0030604	0061	1532 1532								
146	085	0027	2313	36310 3632	2491	0030565	0092									
	SID	0030	2312 2307	3638	2492	0030067	0152									
144	510	0054	2306	36387	2499	00,000	0.72	1532								
146	085 5TD	0075	2259	3639	2513	0028767	0226									
146	085	0082	2277	36392												
140	510	0100	2189	3654	2544	0025896	0294	1530	36							
146	085	0108	2163	36586	2554			1530	01							
	STD	0125	2079	3659	2578	0022764	0355									
	510	0150	1980	3658	2604	0020344	0409									
146	065	0164	1937	36581	2615			1524								
	510	0200	1881	3657	2629	0018151	0505									
146	085	T0218	1857	36567	2635		0594	152								
	STD	0250	1838	3655	2638	0017425	0594									
	STD	0300	1802	3651 36482	2644	001/021	0000	152								
146	085	0326	1780	3638	2655	0016263	0847									
	STD	0400	1716 1665	36282	2660	0010203	00.1	152								
146	085 STD	0435	1464	3597	2682	0013907	0997									
146	085	0545	. 404	35769	2004											
140	510	0600	1188	3552	2703	0011864	1126									
146	085	T0653	1058	35329	2713			150								
*	STD	0700	0948	3523	2724	0009872	1235									
	STO	0800	0752	3507	2742	0008058	1325									
146	085	0872	0643	34995	2751			149								
	5TD	0900	0617	3499	2754	0006806	1399									
	STO	1000	0534	3499	2765	0005785	1462									
146	085	1092	0472	34988	2772	0005073	1516	148								
	STD	1100	0471	3499	2772	0005022	156									
	510	1200	0457	3499 3498	2775	0005022	101									
	STD	1300	0444	3498	2776	0004913	166									
	51D 51D	1400	0416	3498	2777	0004849	171									
146	085	1642	0397	34970	2779	300.01		149								
140	0 0 3	1341		, , ,												

												,							
REFERENCE SHIP			ISCEN	STATION TI			ORIGIN	ATOR'S		DEPTH	DEPTH		WAVE ERVATIONS	WEA-	CLOUG			1000	
Cteri IO. Cone Calli		18 9	3AAUC	(G A/1)	YE.	AN C		TATION	- 1	10 #0110#	OF S'MPL"			CODE				LA TION U ALBER	
CODE NO.	1/10	1/10 10	1*	MO DAY H	E1/10]	-+	NU. P	UMBER	-+		2. Whf.		HGT PEE SI	Α	TIPE AM				
311384 YA 3630	N 06	120 w 111	5 61	11 07 1	84 19	68				4572	14	0.2	5 3	X1	8 7		- 1	0004	
			WAS	ER W	ING	BARO+	AIR TEI	WF T	VIL	NO.	5 9 5	CIAL							
			COLOR	TRANS. OIR.		M ETER	ORY BULB	WET	CODE	OBS.	OBSERV								
			COOE	(m)	FORCE	(mbs1	_												
				09	521	169	182	152	8	13									_
MESSENGE CAST	CARO					,	MCIFIC VOLU	ME #	Δ0	501	סאנ		PO4~F	TOTAL-F	NO3-N	NO1-N	5104-51		5
ON 10 PMIT	TYPE	OEPTH (m)	1 6	5 %.	SIGMA-	-1	ANOMALT-ET		YN, M. x 10 ³		CITY	02 m1/1	yg = 81/1	pg = s1/1	μg = et/1	μg - α1/I	μg - αt/l	βN	S C
HR 1/10	-	-		-	+	-		_		+			-						н
								-		1	200		1)		1		1)
184	085	0022	2164	36012	2511			_			280								
	510	0030	2153	3599	2512		002864	U			279								
184	085	0045	2138	35960	2514			-			277 278								
	510	0050	2138	3596	2514		002853	I											
184	085	0067	2128	35945	2515			-			278								
	STD	0075	2116	3594	2519		002818	1			276								
184	085	0089	2094	35922	2523		002260	2			227								
	510	0100	1923	3591	2568		002360				145								
	STD	0125	1630	3588	2637		001702	4			127								
184	085	0133	1565	35875	2652														
	STD	0150	1518	3587	2662		001475	9			115								
184	085	T0175	1450	35854	2676						097								
	STD	0200	1389	3576	2682		001300				080								
	STD	0250	1256	3558	2695		001182	9			036								
184	085	0257	1236	35556	2697		001046	E			992								
	STD	0300	1096	3538	2710		001040	2			965								
184	085	T0332	1008	35269 3513	2717		000876	1			924								
	STD	0400	0872				000010	1			913								
184	085	0421	0835	35095 3503	2731		000728	0			878								
	STD	0500	0713				000726	V			875								
184	085	T0508	0702	35028 3500	2746		000594	В			845								
	STD	0600 0687	0516	34990	2767		0000094	0			830								
164	085	0700	0512	3499	2767		000513	6			630								
	5TD 5TD	0800	0484	3499	2771		000489				835								
			0466	34988	2773		000-07	0			840								
184	085	0900	0460	3499	2773		000472	5			842								
	510		0440	3498	2775		000460			_	850								
	510	1000	0423	3498	2777		000453				860								
	5T0 5T0	1200	0410	3497	2778		000449				871								
	510	1300	0401	3497	2778		000450				884								
1.97	085	T1371	0397	34966	2778			-			894								
184	005	11371	V371	27700	2.10						-								

Table V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7–8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

REFERE	ENCE					MARS	0.00	****	ON II			T one	HATO	101			TMAX	.1								1
CTOT	10.	SHIP	LA 111 U	301	TONGUADE #2	SOU			GMTI		YEAR	CRUISE	STAT			DEPTH TO	DEPT		WAVE SERVATION	s	WEA.	CLOUD			HODG	
CODE	NO.	C004	•	1/10	* '1/10 ° ±	10"	1"	MO C	AY H	A.1/10		NO.	NUA		3	MOTTO	S'MPL	'S DIR	HG 7 918	4 12	CODE	TTPL 2 AN			NUMBER	
311	384	YA	3659	N I	06139 W	115	61	11 0	7 2	14 1	968	A56 0	0.5		4	800	10	02	3 3		Х2	8 8			0005	
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	304)	1 7 1	,0,,		30137 #1	1	WAT			IND	BARG	A 18 1	EMP	°C		NO.			1			1 0 1 0	'	,	0003	
								TRANS.	DIR.	SPEED	METE	B ORY			ODE,	OBS. DEPTHS		ECIAL VATIONS								
							CODE	(=1		FORCE	(mbs		_ B	ULI		JEFINS										
						- 1			11	520	17	0 193	1	60	7	14										
	f	MESSINGS	CAST	CARD		Π.	'n	Ι.	. ,	T		SPECIFIC VO	LUME	₹ /	7 0	501	JND		, PO4=P	1,0	TA L-P	NO2-N	NO3-H	SI 04-5		5
		THME :	NO.	TYPE	DEPTH (m)	! '	C	,	1/4.	SIGN	1A-1	ANOMALY-	#10°	DYH	103		CITY	0 2 ml/	µg = 01/		p = 61/1	μg - σ1/1	ид = a1/I	μ1 - et/		C
	ŀ	778 1710	1	1		1		 						1			_			-					+	+
	- 1		1	5 T I	0000	1 2	196	361	0	250	1.8	00289	10	, 00	00	15	286		1	1	- 1				1	- 1 1
		214		085	0000		196	360		250		00207	10	00	00		286									
		614		ST			196	360		250		00289	55	00	29		288									
				511		_	196	360		250		00290		00			289									
		214		085	0023		196	360		250							290									
				STI			197	360	9	250	7	00290	73	00	87	15.	291									
		214	,	085	0044	2	198	360	91	250	7					15.	294									
				511	0050	2	197	360	9	250	7	00291	55	01	45	15.	294									
		214		085	0066	2	194	360		250	B .						296									
				511	0075		114	360		253		00270	33	02	15		277									
		214	•	085	8800		001	360		256							249									
				510			881	360		259		00214		02			217									
				510			593	360		263		00173	59	03	24		166									
		214		OBS	0131		560	360		264							157									
				STO			511	360		265		00156	40	03	66		146									
		214	•	OBS	T0171		560	360		266		00161	٠,	0.0			133									
				5T4			510 407	358		267		00141		04			095									
		214		085	0253		•00	357		268		00131		0,2	00		093									
		214	,	510			276	356		269		00120	56	05	71		058									
		214		OBS	T0325		212	355		270		00150	,,,	0,			039									
		214		085	0392	-		353																		
				510		10	31	353		271	. 7	00099	96	06	82	14	985									
		214		085	T0452	0.0	918	351	79	272	25					14	950									
				ST	0500	0.	818	351	1	273	35	00082	54	07	73	14	920									
		214		085	0580	0.	584	350	32	274	9					14	880									
				510			560	350		275		00067		09			874									
				ST			561	349		276		00057	70	09	11		850									
		214		OBS	T0718		546	349		276							847									
				510			520	349		276		00053		09			850									
				5 T (+89	349		277		00050		10			854									
				ST			+58	349		277		00048	11	10	68		858									
		214		085	T1041	04	445	349	86	277	75					14	859									

																								_			
REFERENCE	SHIP					= =	MARSE		STATION IGM	TIME				RIGINA	ATOR'S		DEPTH	MAX.			VE	WEA-	crono			NODC	L
COOR NO.	CODE	LATITU	1/10	LONGITU	1/10	MOCI	SOUA				YEA	AR	CRUISE NO.		TATION UMBER	- 1	TO TOM	S'MPL"	L		ATIONS	THER	CODES			TATION	ı
			1/10				10"	1"	MO DAY		-	\rightarrow	140.	- 14	Owner	-		1	-		PHI SP	-		1			
311384	YA	3720	N.	06200) W		115			000	19	68		006			4755	15	0	4 5	4	X 6	8 8			0006	1
							-	WAT		WIND		BARD	*	IR TEN		VIS	NO.	S.P.E.	CIAL	1							
								CODE	TEAMS. JOIN			LWP41		RY LB	W ET	C001	OEPTHS	OBSERV	ATIO	45							
							F	0000		901	-	_		-		-	7.4			-							
									11	52	4	167	(1.	2	150	7	14	L.,					,	,			_
	MISSENGE TIME 0	CAST	CAR	10 01	PTN I	m.I	- 1	T	\$ 1/4.	-	GMA-	. 7	SPECIFIC		ME E	A D	501	UND	02 0		PO4=P	TOTAL-P	NO7-N	NO3-N	SIO4-S	ρН	
	HE 1/10	NO.	170	E S							J	.	ANOM	L*-910		103	. AFF	77130	02.		g - e1/1	#g = 61/5	μg = α1/1	1/4e - 8t/	μg - e1/1	l lin	
	1	1	51	rp c	1000)	22	76	3636	2	505	- 1	002	176	5 0	000	15	309		,			1	ı		1	
	000		OBS		0000			76	36356		505		002					309									
	000		51		010			76	3636		505		002	219	5 0	029		311									
			51		020			76	3636		505		002			058		313									
	000		089		0025			76	36358		505						15	313									
			51	TD C	030)	22	76	3636	2	505		002	30	1 0	088	15	314									
	000		OBS	5 0	049	9	22	76	36355	2	505						15	317									
			51	TD C	050)	22	76	3636	2	505		002	394	4 0	146	15	317									
	000		OBS	5 0	074	4	22	76	36355	2	505							321									
			\$1		075			74	3636		506		002	940	1 0	220		321									
	000		OB:		091			17	3655		537							313									
			51		100			09	3656		540		002			290		311									
			51		129			0.7	3665		575		002	3029	5 0	351		290									
	000		OB:		14			19	36668		600							270									
			51		1150			10	3666		602		002)54.	1 0	406		268									
	000		OB5		199			142	36511		634		001	7 / 7 .	2 0	501		228									
			51		200			141	3651 3651		634		001			501 587		228 224									
	000		089)25()29!			45	3644		653		001	0024	+ 0	281		215									
	000		51		300			37	3643		654		001	050	٥ ٥	669		213									
	000		085		39:			62	36098		670		001	, 0 ,	, 0	00/		171									
	300		51		400			33	3604		672		001	.590	0 0	823		163									
	000		089		48				35578					- / (
	000		5		500		12	132	3554		696		001	231	1 0	957	15	074									
	000		OB:		58			17	3529		717							009									
					0600			68	3525		722		000	9860	0 1	068		994									
			5		700		0.7	42	3508		744		000	7666	6 1	156	14	923									
	000		OB:		76			32	3500		754						14	890									
			5	TD C	800	0	0.6	09	3501	2	757		000	543	7 1	226	14	886									
			5	TD C	901	0	05	46	3500	2	764		000	572	1 1	287	14	877									
	000		OB:	5 T C	95	7	05	15	3500		768							874									
					000			06	3500		769		000			342		878									
					1100			86	3500		771		000			395		886									
					200			66	3500		774		000			446		895									
					300			45	3499		775		000			496		903									
	0.00				140			25	3499		777		000	+ 756	5 1	544		911									
	000		OB:	5 T)	45	B	04	13	34989	2	778						14	916									

Table V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7–8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

							1-138											
REFERENCE	SHIP	LATITU	- T	NGITUDE 120	MARSOEN	STATION TE	ME YEAR	ORIGINATI		OEPTH	MAX. DEPTH	085	WAVE	WEA-	CLOUD		NOO	C.
C781 1D. COOR NO.	CODE	÷ CATITU	1/10	IV10		MO DAY H		NO. NU	TION	801TOM	S"AAPL"S		HGT FIRE SI		[77] A.M		NUM	110
311384	YA	3745	N 06	220 W	115 72		25 1968	ALD TEACH		4866	16	11	3 3	× 2	8 8		00	0.7
					COLOR	PRANS. DIR.	SPEED MET	ER DRY V	VET CODE	NO. OBS. OLPTHS	SPEC	TONS						
					CODE	11	524 15		60 7	13								
	MISSENGE	CAST	CARD	OFFIH IM	1.0	5 */**		SPECIFIC VOLUME	₹ ∆ O	sou	NO ON	Do m1/1	PO ₄ =P	10141-7	NO2-N	NO1-N	\$104-\$1	3
	HR 1/10	NO.	1798	OEFFIN ON	, ,	3 711	SIG-MA-T	ANOMAL?-EISF	x 10 ³	VŁLO	CITY		PR + 8771	+9 - 6171	NB = 4(1)	A8 - 01	ид - er/l	* H C
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	025		085	0027	2340	36386	2489			153	330							
			5TD	0030	2341	3639 3639	2489 2488	0030875	0092									
	025		085	0053	2344	36390	2488	0030945	0232	153								
	025		510 085	0075 0080	2334 2327	3638 36373	2492			153	3 3 5							
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	023		5T0	0125	2166	3660	2555	0024945	0373	153	305							
	025		51D 085	0150	2055	3665 36662	2589 2601	0021767	0432	152								
			STD	0200	1921	3661	2621	0018847	0533									
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	025		085 510	0320	1773	3646	2647	0017030	0489	152	240							
	025		085 5T0	0424	1754 1726	36437 3636	2650 2651	0016973	1059	152								
			510	0600	1597	3615	2666	0015831	1223	152	217							
	025		0B5 5T0	0634	1530 1278	36049 3568	2673 2698	0012716	1365	152 151								
	025		510	0800	0963 0853	3526 35132	2724 2732	0010116	1480	150								
	025		085 STO	0900	0751	3508	2743	0008135	1571	140	960							
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			510 510	1200	0501 0479	3497 3497	2767 2770	0005700	1765									
			STO	1400	0458	3498 3498	2772 2775	0005310	1875 1927									
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CTHY ID.	SNIP	LATTU	DE LOI	NGITUDE TO	MARSOEN SQUARE	STATION TI	ME YEAR		TION	DEPTH 10	MAX. DEPTN OF		WAVE ERVATIONS	WEA	CODES		NOT	C
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					COLOR	TRANS. DIR.	SMID MET	ER ORY	WET COO		OBSERVA	ATIONS						
							SPETO MET	ER ORY :	ver coo	DEPTHS	OBSERV	ATIONS						
	MESSENGR TIME	CAST NO.	CARO TYPE	DEPTH (m)		TRANS DIR.	SMID WELL	ER ORY :	ver coo	DEPTHS	OBSERVA	O2 ml/t	PO ₈ =P ug = 01/2	9-1 ATO1		NO3-N v4 - st/l		PN C
	MESSENGR TIME (C AST	CARO TYPE	DEPTH (m)	CODE	TEAHS: DIR.	5/40 MET MET MET MET MET MET MET MET MET MET	PROPER VOLUME	WET COO	DEPTHS	OBSERVA	ATIONS	PO amP ug = e1/2	10TAL=9x	NO2-N µg = et/1	NO3=N v4 - st/l		ρN C
	NA 1/10		510	0000	COLOR CODE	15 S °4.	5/10 MET MET MET MET MET MET MET MET MET MET	PROPER VOLUME	ver coo	DEPTHS 13 SOUVELO	OBSERVA	ATIONS						PH C
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	NA 1/10		510 085 510 510 085 510	0000 0000 0010 0020 0028 0030	2312 2312 2312 2315 2316 2317 2317	15 S °4.	5/10 MET MET MET MET MET MET MET MET MET MET	9 200 SPECIFIC VOLUME ANOMALY-910!	VET COO.	DEPTHS 13 SOUVELO	OBSERVA	ATIONS						P C C
	044		5T0 OBS 5T0 5T0 OBS 5T0 5T0	0000 0000 0010 0020 0028 0030	2312 2312 2315 2316 2317 2317 2315	15 S °4.	5/10 MET MET MET MET MET MET MET MET MET MET	9 200 SPECIFIC VOLUME ANOMALY-910!	VET COO.	DEPTHS 13 SOUVELO	OBSERVA	ATIONS						, N C C
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	044		510 085 510 085 510 085 510 085 510 085 510 085	0000 0000 0010 0020 0028 0030 0050 0054 0075 0082 0100 0109 0125 0150	2312 2312 2315 2316 2317 2317 2315 2316 2316 2316 2316 2316 2316 2316 2316	15 S °4.	5/10 MET MET MET MET MET MET MET MET MET MET	9 200 SPECIFIC VOLUME ANOMALY-910!	VET COO.	DEPTHS 13 SOUVELO	OBSERVA	ATIONS						2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	044		\$10 085 \$10 085 \$10 085 \$10 085 \$10 085 \$10 085	0000 0000 0010 0020 0028 0030 0050 0054 0075 0082 0100 0109 0125 0164	2312 2312 2312 2315 2316 2317 2317 2317 2315 2314 2315 2315 2306 2228 2121 2069	15 S °4.	5/10 MET MET MET MET MET MET MET MET MET MET	9 200 SPECIFIC VOLUME ANOMALY-910!	VET COO.	DEPTHS 13 SOUVELO	OBSERVA	ATIONS						P P P P P P P P P P P P P P P P P P P
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	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		STD OBS STO	0000 0000 0010 0020 0020 0054 0075 0082 0100 0109 0125 0150 0326 0400 10217 0250 0306 0400 10434 0500 0600	2312 2312 2315 2316 2317 2317 2317 2315 2315 2315 2315 2315 2315 2315 2316 2212 2316 2316 2317 2316 2316 2317 2316 2317 2316 2316 2317 2317 2317 2317 2317 2317 2317 2317	15 S %.	5/10 MET MET MET MET MET MET MET MET MET MET	9 200 SPECIFIC VOLUME ANOMALT-SIE!	VET COO.	DEPTHS 13 SOUVELO	OBSERVA	ATIONS						9 N S S S S S S S S S S S S S S S S S S
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Table V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7–8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

CTEV ID.	SHIP	LATITUDE . 1/		NGITUDE * '1/10	10. 20 20	PSDEN WARE		N TIM		YE A R	CPUISE ND.		TATIO	N	DEPTH OT OTTO	10	MAS. EPTH OF MEL'S		WAVE SERVAT	nons	WEA THER CODI	CO	DIS		2	NODC TATION TUMER	
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	'		510	0000) .	2325	364)	249	4	003	023	8	0000		532											
	093		BS	0000		2325	363		249							532											
			STD	0010)	2299	364)	250		002			0030		531											
			STD	0020)	2281	363	9	250		002	913	9	0059		531											
	093	0	85	0026		2273	363		250							531											
			5TD	0030)	2273	363	9	250		002	895	3	0088	1:	531	4										
			STD	0050) .	2270	363	9	250	19	002	898	3	0146		531											
	093	0	85	0052	2	2270	363		250							531											
			STD	0075		2258	363		251	. 3	002	872	9	0218	- 15	531	17										
	093) G	85	0078	3		363	91																			
			5T0	0100)	2244	364	4	252		002	810	8	0289		531											
	093	. 0	85	0104	4	2242	364	48	252							531											
			STD	0125	5	2151	365	5	255	6		483		0356		530											
			STD	0150) .	2061	366	4	258	7	002	199	4	0414		528											
	093	0	B5	0156	5	2043	366	54	259							527											
			STD	0200)	1950	366	2	261		001	949	8	0518		525											
	093	3 Q	BS	T0208	3	1936	366	14	261							525											
			STD	0250	0	1895	366	0	262			845		0613		525											
			5TD	0300	3	1854	365	7	263	16	001	784	4	0704		524											
	093	0	BS	0312	2	1845	365	64	263	17					15	524	+ 8										
			STD	0400	0	1797	365	0	264	5	001	731	6	0879	1.5	524	8+										
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STO 0000 2234						١,	*	5 */	NG.	MA -T			Z △ D			Ca ml/		10 a=P	٠ ,	OTAL-P	NO2-N	NO3-N	51 Da-5	- 14	S
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STD 0030 2235 3636 2517 0028163 15304 STD 0050 2238 3638 2517 0028205 15308 117 085 0052 2238 36387 2517 15308 STD 0075 2236 3638 2518 0028235 15312 117 085 0078 2235 36378 2518 15312 STD 0100 2221 3645 2528 0027406 15313 117 085 0103 2216 36456 2530 15312 STD 0125 2101 3656 2570 0023517 15287				S1	D 0020	2	234																		
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		11	1								001505	0													
5TO 0400 1778 3664 2660 0015850 15244 117 0BS 0495 36409		1.1	7			1	778			000	001585	U		15.	244										
117 065 0497 30407 510 0500 1704 3639 2659 0016240 15235		11	-			1	704			50	001624	0		15	225										
117 OBS T0590 1598 36148 2665 15215		1.1	2								001024	0													
5TD 0600 1584 3612 2666 0015755 15212		1.1	1								001575	6													
5TD 0700 1418 3588 2685 0014155 15173																									
117 OBS 0777 1258 35711 2705 15131		1.1	7																						

Table V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7–8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

REFERENCE CTSY ID.	SHIP	LATITU	DE LO	MOGUNOE PETTON	MARSDEN	STATION TE		YEAR	CRUISE	STATI	ON	DEPTH TO BOTTOM	MAX DEPTN DF		WAVE EPVATIONS	WEA-	CLOUD		S	NODC
CODE ND.		3925	1/10 N 0.6	1710		MO DAY H		968	NO.	1 l		4663	5'MPL"		3 2	X 6	6 8	7		0011
311384	4 TA	3423	14 1 0 0) 341 W	WA	TER W	IND	BARD	AiR	TEMP. 1	C VIII.	NO.	SPE	CIAL	1-1-1	1	, 0,0	1		
					COLOR	TRANS. DIR.	101CF	METE (mba	1 DULE	an Ma	L0	DEPTHS	DUSERV	2 NOIT A						
		_				23	537	000				14			1		-	T		
	MESSENG TIME HR 1/11		CARD	DEPTH (m)	1 12	s */	SIGM	IA-T	SPECUIC VO	LUME -1107	₹ ∆ 0 DYN. M ¥ 10 ³	. AETO	CITY	02 ml/l	PQ g = P	TOTAL =P	NO2-N N9 - 01/1	NQ3-N	\$1 D4 \$1 ug + e1/(PΝ
	11.5										0000		222							
	18	6	ST0 085	0000	2010	3570 35699	252 252		00269	41	0000	15	232 [°] 232 [°]							
			5T0	0010	2013	3570 3571	252		00270		0027		235 237							
	18	6	085	0022	2016	35706	252	8 8				15	238							
	18	6	510 085	0030	2015 2014	3571 35714	252		00271	0.4	0081		239							
	18	6	ST0 085	0050 0067	1996 1936	3571 35693	253		00266	97	0135		237 223							
			STO	0075	1754	3569	259	93	00210	66	0195	15	172							
	18	6	085 510	0089	1510 1473	35679 3568	264	57	00150		0240	150	090							
	18	6	510 085	0125	1392	3569 35690	267		00133	72	0275		060							
			510	0150 10179	1316 1233	3565 35562	268		00122	09	0307		047							
	18	U	085 STD	0200	1172	3548	270	3	00108		0365	15	004							
	18	6	510 085	0250 0270	1040 0993	3531 35259	271	19	00098		0417	14	963 949							
	18		STD 085	0300 T0360	0935 0817	3520 35103	272		00090	152	0464		932 896							
	10	0	STO	0400	0724	3505	274	44	00071	26	0545	14	866							
	1 8	6	085 510	0450 0500	0635 0584	35007 3499	275		00058	106	0610	14	839 826							
	18	6	085	T0540 0600	0550 0517	34984 3498	276		00051	20	0664		819							
			STD STO	0700	0474	3498	27	71	00047		0714	14	815							
	18	6	085 510	0720 0800	0467 0452	34982 3498	277		00045	72	0760		815 822							
	18		STO	0900 T0901	0432	3497 34974	27:		00044	76	0805		830 831							
	10	0	STO	1000	0417	3497	27	7 7	00044		0850	14	841							
			5T0	1100	0405	3497 3497	27		00043		0894		852 865							
	18	6	5T0 08S	1300 T1375	0390	3497 34967	27		00043	158	0981		880 891							
	10	o .	000		0.50															
REFERENCE	SHIP	LATITU	DF LO	MGITUDE BY	MARSDEN SQUARE	STATION TO		YEAR		ROTANI		DEPTH	MAX. DEPTH	OBSE	WAVE ERVATIONS	WEA-	CLOUD			NDDC 7ATIDN
REFERENCE CONT ID.	CODE	LATITU	1/10	MGITUDE ENGINEER	SQUARE 10" 1"	MD DAY H	1,1/10	YEAR	CRUISE NO.	STATIO	IEA	TO BDTTDM	OF S'MPL"	DIR.	HGT PER SI	THER CODE	TYPE AM	7	N .	TATION UMBER
	CODE	JA117U	1/10	1774	SQUARE 10" 1"	MD DAY H	15 1 10	YEAR . 968	A56 0	STA TIC	DN IEA	10 8D11DM 4572	DEPTH OF S'MPL'S	26		THER	CDDES	T	N .	TATION
CODE NO.	CODE	·	1/10	17.74	10° 1° 115 94	MD DAY H	15 1	968	A56 0	STATIONUMI	DN IEA	10 8D11DM 4572 NO.	DEPTH OF S'MPL'S	26 CIAL	HGT PER SI	THER CODE	TYPE AM	7	N .	TATION UMBER
CODE NO.	CODE 4 YA	3950	1/10	17.74	10" 1" 115 94 WAT	(GMT) MD DAY HI 11 08 2 ER W	15 1 1NO	968 BARO	A 5 6 0	12 TEMP, T	C VIS	10 8D11DM 4572	DEPTH OF S'MPL'S	26 CIAL	HGT PER SI	THER CODE	TYPE AM	1	N .	TATION UMBER
CODE NO.	CODE 4 Y A	3950	1/10	17.74	10" 1" 115 94 WAT	(GMT) MD DAY HI 11 08 2 ER W TRANS. DIR.	15 1 100 15 1 100 100 101 101 101 101 101 101 101 1	968 BARO METE (mbs)	A 5 6 0	1 2 TEMP. T	C VIS	10 8D11DM 4572 NO. 08S. DEPTHS	DEPTH OF S'MPL' 16 SPE OBSERV	26 CIAL	HGT PER SI	THER CODE	TYPE AM	ND3-N	N .	TATION UMBER
CODE NO.	CODE 4 YA	3950	1/10 N 0 6	400 W	10° 1° 115 94 CDLOR CODE	(GMT) MD DAY HI 11 08 2 ER W FRANS DIR.	15 1 15 1 100 SPEID 01 FOICE S 3 9	BARO METEI Imbel 996	A 56 0	1 2 TEMP. T	ON IEA COOR	14 SOU VELO	DEPTH OF S'MPL'S PE OBSERV	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES		\$1 Oz-\$	OO12
CODE NO.	MESSING TIME	3950 CAST	CABO TYPE	06PTH Im1	SOUARE 10° 1° 115 94 WAI COLOR CODE	(GMT) MD DAY HI 11 08 2 FER W 76ANS DIR. 126 5 */	15 1 15 1 100 101 101 101 101 101 101 101 101 1	BARO METEL Imbel 996	A 56 0	STATIC NUMB	C VIS	152 152 152 152	DEPTH OF S'MPL'S OBSERV	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	CODE 4 Y A	3950 CAST	CABO TYPE STO OBS STO	0000 0000 0010	SOUARE 10° 1° 1° 115 94 COLOR CODE V C	(GMT) MD DAY HI 11 08 2 ER W TEANS DIR. 15 % 26 3549 35486 3549	15 1 15 1 1NO 3PEID 01 FOICE S 3 9 SIGM	968 BARO METE (mbs) 996 A=T	A56 0 A56 0 A18 ORY 8ULB 5 168	STATIC NUMB 1 2 FEMP. T WE BUIL 1 5 LUME - 107	C VIS COOL 1 COO	152 152 153 153	DEPTH OF STAPLS AND OBSERVE OB	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	MESSING TIME	3950	CABO 1776 STO OBS STO OBS	0000 0000 0010 0020 0026	SOUARE 10° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1°	(GMT) MD DAY (HI 11 08 2 FR W YEANS DIR. 26 5 *4. 3549 35486 3549 35483	15 1 15 1 1NO 3PETO 701CE S 3 9 SIGM	968 BARO METE [mbs] 996 A=T	CRUISE NO. A 5 6 0 A 18 0RY 8 STATIC NUMBER OF STATIC	C VIL COOP 10 10 10 10 10 10 10 10 10 10 10 10 10	152 152 152 152 153	16 SPE OBSERV	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12	
CODE NO.	MESSING TIME ME 1/11	3950 CAST ND.	CABO 1775E STO 085 STO 085 STO STO 085 STO STO STO	0000 0000 0010 0020 0026 0030 0050	10° 1° 115 94 WA1 CDLOR CODE 7 ° C 1966 1966 1967 1968 1969 1918 1712	GM1 MD DAY Fill 11 0.8 26 15 16 16 16 16 16 16 1	15 1 15 1 180 SRID OT POICE S 3 9 SIGM 2 5 2 2 5 2	968 BARO METE Inhe 1996 A-T	A56 0 A56 0 A18 ORY 8ULB 5 168	12 WE BUILD 15 WE BUILD	C VIS COOL 1 COO	152 152 152 153 153 153 153	16 SYMPL*: 16 OBSERV 218 218 220 222 23 209 154	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	CODE ARESSENG TIME MR 1/11	3950 CAST ND.	T/10 N 06 CABO 1179E STO 085 STO 085 STO 085 STO 085	0000 0000 0010 0020 0026 0030	SOUARE 10° 1° 115 94 WA 115 WA	(GMT) MD DAY (HI TER W TALAMS DIR. 26 3549 3549 3548 3549 3548 3548 3548 3548	15 1 100 37210 100 37210 100 539 31GM	968 BARO METE (mbs) 996 A=T	A 5 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 FEMP. T WE 901 15 LUME =107 83	C VIL COOP 1 COO	152 152 152 152 152	16 SYMPL'S 16 OBSERV 218 218 220 222 23 209 154 150	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	MESSING TIME ME 1/11	3950 LCAST BEND.	CAND 1775 STO OBS STO OBS OBS OBS	0000 0000 0010 0020 0026 0030 0052 0075	1966 1967 1968 1966 1966 1966 1967 1968 1969 1918 1712 1696 1918	3549 35486 35483 3549 35486 35483 35483 35483 35483 35483 35483 35483 35483	15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	968 BARO METE Imbe 996 A-T	CRUISE NO. A 56 0 0	STATIC NUMBER 12 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	C WIS COOK LIN COOK L	152 152 153 153 153 153 153 153 153 153 153 153	DEPTH OF STAPP! 16 SPEE STAPP!	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	MESSENG TIME HE 1/16	3950 * CAST NO.	CAND 177FE STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS	0000 0000 0010 0026 0030 0052 0075 0078 0100	115 94 WA1 CDL08 COOf WA1 CDL08 COOf COOf CDL08 COOf CDL08 C	3549 35486 3548 3548 3548 3548 3548 3548 3548 3548	15 1 INO STRIP FORCE 539 SIGMA 252 252 252 252 259 259 264 265 267 267 267 267 267 267 267 267 267 267	968 BAROLD METEL (mhs) 996 996 444 444 444 444 444 444 444 444	CRUISE NO. 1 AS 6 0 1 AS 6 0 0 RY 8 ULB 1 S 1 1 6 8 1 PECIPIC VO ANOMALY. 00 2 7 3 00 2 7 4 0 0 2 7 5 0 0 2 6 2 0 0 2 0 8 0 0 1 6 0 0 0 1 4 0	STATIC NUMBER STATIC NUMBER	C VIS COOL 17 COOL 18	152 152 153 153 153 153 153 153 153 153 153 153	DEPTH OF STAPE TO STAPE T	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	MESSING TIME 1/11 21 21 21	3950 * CAST NO.	CABO 179E STO 085 STO 085 STO 085 STO 085 STO 085 STO 085 STO 085	0000 0000 0000 0010 0020 0020 0050 0052 0075 0075	1966 1966 1966 1966 1966 1966 1966 1968 1712 1698 1712 1698 1718 1712 1696 1669 1556	3549 3549 3549 3548 3548 3548 3548 3548 3548 3548 3548	1.7/10 15 1 15 1 1NO 17/10 18 18 18 18 18 18 18 18 18 18 18 18 18 1	968 BAROLD METEL (mhs) 996 MET	CRUISE NO. A 56 0 0	STATIC NUMBER 12 12 12 12 12 12 12 12	C WIS COOK LIN COOK L	150 150	DEPTH OF STAPE O	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	MESSING TIME 1/11 21 21 21	3950 CAST NO.	CAND 177E 5TO 085 STO	0000 0000 0000 0010 0020 0020 0052 0075 0076 0100 01105 0157	1966 1966 1969	3549 3549 3549 3549 3549 3549 3548 3549 3558 3548 3558 3568 3588 3579 3567	Sigm 100 100 100 100 100 100 100 10	968 BARO METER (This) 996 BARO METER (This)	CRUSS NO. A 5 6 0 A 5 6 0 A 5 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	STATIC NUMBER STATIC S	C VII Cool	152 155 155 155 155 155 155 155 155 155	DEPTH OF STAPE	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	MESSENG TIME HE 1/11 21 21 21 21	3950	N O 6	0000 0000 0010 0026 0030 0052 0075 0078 0100 0104 0125 0157 0209	1966 1966 1966 1966 1966 1966 1968 1968	GM11 GM11 GM11 GM11 GM11 GM11 GM11 GM11	252 252 252 252 252 252 252 252 252 252	968 BARO METER STREET S	CRUST NO. A 5 6 0 A 5 6 0 A 5 6 0 A 18 CRUST NO. A	STATIC NUMBER STATIC NUMBER STATIC NUMBER STATIC NUMBER STATIC S	0000 0027 0055 0213 0246 0277 0334	To To To To To To To To	DEPTH OF SMPL" 16 SPE OBSERVE 218 218 220 222 222 3209 154 110 00 96 00 73 00 45 00 97 1982	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	CODE CODE	3950	CABO N 06 N 06 STO OBS STO	0000 0000 0010 0026 0030 0052 0075 0076 0100 0104 0125 0157 0209 0229 0229 0230	1966 1966 1966 1967 1918 1966 1967 1968 1969 1918 1918 1918 1918 1918 1918	GM1 MD DAY MD DAY MD DAY MD DAY MD DAY MD DR MD DR MD MD MD MD	252 252 252 252 253 264 265 267 270 270	968 AARO MEETER (MARIE MARIE M	CRUSS NO. A 5 6 0 A 5 6 0 A 5 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12	C VII Cool	No. OBS. OBS. No. OBS.	DEPTH OF STAPP! 16 STAPP!	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	CODE CODE	3950 3950 3950 5555 5555 5555	CAND 1796 STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS	0000 0000 0000 0000 0000 0000 0000 0000 0000	1966 1966 1966 1966 1969 1918 1712 1699 1137 1137 1109 0897 0869	(GMT) (GMT) (GMT) (MT) (GMT) (MT) (GMT) (MT) (MT) (MT) (MT) (MT) (MT) (MT) (S S S S S S S S S S	968 BAGO STATE B	County No. A5b 0 A5b 0 A5b 0 A5b 0 A5b 0 A5b 0 A5b STATE STAT	DON HER TO THE PROPERTY OF THE	No. OPS. OP	DEPTH OF STAPE OF STA	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12	
CODE NO.	CODE	3950	CARD N 0 66 CARD 11776 510 085	0000 0000 0000 0010 0020 0020 0052 0075 0076 0100 01107 0157 0200 1020 0157 0200 1020 0157 0200 1020 0157 0200 1020 0157 0157 0200 1020 0157 0157 0200 0157 0157 0157 0157 0157 0157 0157 01	1966 1966 1966 1966 1966 1966 1966 1966	3549 35486 35486 35483 35583 35483 35483 35483 35483 35583 35673 3573 35	E.7/10 1.5 1.1 NO 1.5 1.1 NO 1.5 1.2 NO 1.5 1.2 NO 1.5 NO 1.5 1.2 NO 1.5	968 BANGO METER M	A56 O A58 O O A58 O O O A58 O O O O O O O O O	\$14 1 2 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2	0000 0027 0034 00430 00507	150 Prints 100 P	DEPTH OF STAPP! 1 16 16 16 16 16 16 16 16 16 16 16 16 1	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	CODE	3950	CAND 1796	0000 0000 0010 0026 0030 0052 0078 0104 0125 0157 0200 0300 0313 0400 0313 0400 0520	1966 1966 1966 1968 1968 1968 1969 1918 1712 1698 1698 1712 1698 1698 1712 1698 1698 1712 1698 1698 1712 1698 1698 1712 1698 1698 1712 1698 1698 1712 1698 1698 1712 1698 1698 1712 1698 1698 1712 1698 1698 1712 1698 1698 1712 1698 1712 1698 1712 1698 1712 1712 1712 1712 1712 1712 1712 171	MD DAY MD	Sigma Sigm	968 Baaco American Meters (main and and and and and and and and and an	A56 O A56	\$14 12 12 12 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	0000 0027 0055 0213 0000 0027 0034 0027 0334 0340 0340 0356 0366 0366 0366 0366 0366 0366 036	No. No.	DEFINATION OF START O	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	CODE CODE	3950	CAND 1996 1996 1996 1996 1996 1996 1996 199	0000 0000 0000 0000 0000 0000 0000 0000 0000	1966 1966 1966 1966 1966 1966 1966 1966	MD DAY MD	SIGM SIGM	968 BAROLE METER ME	COUNTY OF THE PROPERTY OF THE	112 12 12 12 12 12 12 12	0000 0027 0000 0027 00175 0246 0277 0334 0430 0507 0569 0622	No. No.	DEFINATION OF SMALL STATE OF SMALL S	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	COOR COOR	3950	CARD N 066 CARD 11776 STO 085	0000 0000 0000 0000 0000 0000 0000 0000 0000	1966 1966 1966 1966 1966 1966 1966 1966 1967 1968 1972	3549 35486 35486 35483 35583 35483 35583 35673 35673 35673 35673 35673 35673 35673 35673 35673 35673 35673 35673 3573 35	1.1/10 15 1 1 1 1 1 1 1 1	968 BARO METER DAY 1996 996 996 996 996 996 996 996	COUNTY OF THE PROPERTY OF THE	112 12 15 15 15 15 15 15	DN 18 18 18 18 18 18 18 18 18 18 18 18 18	No. No.	DEFIN OF STREET	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	COOR COOR	3950	CAND N 066 CAND 1776 510 085	0000 0000 0010 0020 0020 0052 0075 0078 0100 0157 0250 0303 3 0400 0520 0520 0520 0520 0520 0520 0520	1966 1966 1966 1966 1966 1966 1967 1968 1969 1918 1712 1696 1495 1495 1495 1495 1495 1495 1696 1696 1696 1696 1696 1696 1696 16	3549 35486 35567 3567 3567 3567 3567 3567 3567 35	E. 1/10 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.	968 8ANO METER MET	A56 O A56	STATE NUMBER NU	DN III S III	No. No.	DEFINATION OF SPECIAL PROPERTY OF STATE	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	COOR COOR	3950	CAND 1776 N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000 0000 0010 0026 0030 0050 0052 0075 0078 0100 0104 0125 0250 0250 0313 0400 70419 0500 0520 0600 0830 0900 0830 0900 0830 0900 0830 0900 0830 0900 0830 0900 0830 0900 0830 0900 0830 0900 0830 0900 0830 0900 0830 0900	1966 1966 1966 1966 1966 1966 1966 1966	3549 35486 3549 35486 35486 3549 35587 3581 3588 3588 3588 3588 3588 3588 3588	5.1/10 1.5 1 1.5 1 1.5 1 1.5 1 1.5 1 1.7 1 1.5 1 1.7 1 1.5 1 1.7 1	968 BANO (1996)	COUNTY OF THE PROPERTY OF THE	TTATIC TEMP. T. 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DN 18 18 18 18 18 18 18 18 18 18 18 18 18	Topiton	DEFINITION OF SECONDARY OF SECO	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	COOR COOR	3950	CAND N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000 0000 0000 0000 0000 0000 0000 0000 0000	1966 1966 1966 1966 1966 1966 1966 1969 1968 1969	GGM11 ND DAY 1 11 08 2 18 W Tamis DR. 26 3549 35486 35483 3549 3558 3588 3588 3588 3588 3588 3588 358	Signal S	968 BANO METER MET	COUNTY OF THE PROPERTY OF THE	STATE NUMBER NU	DN 14 15 15 15 15 15 15 15	Top Top	DEFINITION OF SECONDARY OF SECO	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	COOR COOR	3950	CARRO N 0 66 1177 1776 1776 1776 1776 1776 1776	0000 0000 0000 0000 0000 0000 0000 0000 0000	1966 1966 1966 1966 1966 1966 1967 1968 1969	3549 35486 35486 35483 3549 35587 3588 3588 3588 3588 3588 3589 357 3581 3587 3581 3587 3581 3588 3589 357 3581 3588 3589 357 3581 3588 3589 357 3588 3589 357 3588 3589 357 3588 3589 357 3588 3589 357 3588 3589 357 3588 3589 357 3588 3589 357 3588 3589 357 3588 3589 357 3588 3589 357 3588 3599 3599 3599 3599 3599 3599	Signature Sign	968 8 AAOT 996 6 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COUNTY OF THE PROPERTY OF THE	STATE NUMBER STATE STA	DN 1 1 1 1 1 1 1 1 1	Top Top	DIPPH	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	COOR COOR	3950	CAND 1776 N O 6 O	0000 0000 0010 0000 0010 0000 0010 0052 0075 0078 0100 0157 0209 0250 0303 0300 050 0500 0500 0500 0500	1966 1966 1966 1966 1967 1968 1969 1969 1969 1969 1969 1969 1969	3549 35486 35586 35486 35586 35486 35586 35486 35586 35486 35586 35486 35586 35486 35586 35486 35586 35486 35586 35486 35586 35486 35586 35486 35586 35586 35586 35686 35686 35686 35686 35686 35686 35686 35886 3	15 1 1 1 1 1 1 1 1 1	968 MARCO MA	A50 O A50	STATE NUMBER STATE STA	DN 18 2 2 2 2 2 2 2 2 2	Top Top	DIFFINATION STREET STREE	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12
CODE NO.	COOR COOR	3950	CAND N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000 0000 0010 0020 0026 0030 0050 0100 0125 0150 0150 0150 0150 015	1966 1966 1966 1966 1966 1966 1967 1968 1968 1969	GM1 MO DAY 11 08 226 W 126 1 1 1 08 26 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25 2 2 5 2 2 5 2 2 5 2 2 5 2 2 5 2 2 5 2 2 5 2 2 5 2 2 5 2 2 5 2 2 5 2 2 5 2 2 5 2 2 5	968 MARTINE MA	COUNTY OF THE PROPERTY OF THE	STATE NUMBER STATE STA	DN 184 1 1 1 1 1 1 1 1 1	Top Top	DIFFINATION STREET STREE	Z6 CIAL 'ATIONS	3 PO a-P	THER CODE	CODES	ND3-N	\$1 Oz-\$	OO12

Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.

REFERENCE	SHIP				_ E _ 4/	HIGSEN	STATION	TIME		DNIGIN	ATOE	\$	DEPTH	MAX		WAVE	WEA				NODC	
C181 ID.	CODE	LATITUE			집 및	38 A UC	IGALT		YEAR		STATIO		TO SDITDM	n t	000	SERVATIONS	CDD				UMBER	
CODE NO.	+		1/10	1/10	10		MO DAY			1		-		_	_	HG7 788 5	IA I	1771 A 10	1			
311479	9 YA	3530	N 0	6036 W	11			011	1969			_	480	12	18	4 3	x 2	0 8			0001	
						WA		WIND	BAR MET		MP. C	VIS.	ND.		CIAL							
						CODE	TRANS. DIR	FDIC	14121		IUL		DEFINS	DRZEE	2 NOR A							
							18	1		8 186	17	B 7	12									
						1	1 140	7	120	1		₹ ∆ 0				T	1			ī		T.
	MESSENGE	L CAST	TYPE	DEPTH U	m1	7 10	5 %.	\$10	T - A M	SPECIFIC VOLL		1 10 ³		DEITY	D 2 ml/1	PD4=P vg - 81/1	101AL~P		NO ₅ -N yg - et 1	\$1 0 a - \$1 ug - 01/1	рН	ć
	HB 1/10	-		-							+	x 10-				-	-	1	70	-		+
					-						- 1			- 1		1	1				1	11
			STD	0000			3657															
	011		OB5	0000			36566		20				16	197								
	011		OBS	0006		1842	36570 3657		39	001652	^			197								
			STD	0010		1842 1841	3657		39	001653				199								
			510	00 30		1840	3657		39	001654				200								
	011		QB5	0038		1839	36571		39					201								
			STD	0050		1831	3657	2.6	41	001640	8		15	201								
			STD	0075		1813	3656	26	45	001613	9			200								
	011		085	0077		1811	36555	26	45					199								
			STD	0100		1785	3652		49	001585	3			195								
	011		OBS	T0116		1774	36510		51					194								
			STD	0125		1775	3651		51	001576				196								
			STD	0150		1776	3651		50	001589	2			201								
	011		OBS	0161		1777 1727	36498 3642		56	001554	n			193								
	011		STO OBS	0200		1726	36421		56	001004	0			193								
	011		0B5	0244		1706	36409		60					194								
	011		STO	0250		1704	3641		60	001531	0			195								
			STD	0300		1689	3637	26	61	001538	4		15	198								
			510	0400		1659	3630	26	63	001552	3			205								
	011		085	0411		1656	36293		63					205								
			STO	0500		1435	3589		82	001387				146								
			STD	0600		1216	3556		01	001211	1			086								
	011		OBS	0609		1198	35534		03	000074	,			081								
			STD	0700		1037	3546		27	000974				996								
	011		510 085	0800 10863		08 81 0795	3538 35332		56	000184	0		-	974								
	011		STD	0900		0749	3530		61	000649	3			962								
			STD	1000		0639	3522		70	000557				934								
			STO	1100		0552	3513		74	000512				915								
			STD	1200		0488	3504	27	74	000502	8		14	904								
	011		085	T1249		0465	34994	27	73				14	902								

REFERENCE	SHIP	LATITU		ONGITUDE SX	MARSE	DEN	STATION T		YEAR		NATO		DEPTH 10	MAL. DEPTH		WAVE ERVATION	ut.	WEA-	CLDUD			ATION	
CDDE NO.	CODE		1/10	ONGITUDE BO	10°	1	MO DAT		1601	Cauise NO.	STATI		BOTTOM	S'MPL"S		HGT PER		CODE	TYPE AM	-		UMBER	
-	1									457 0			4535		18	4 3		X 2	3 8			0002	
311479	I YA I	3600	N IO	6057 W	1115	60 0		044]	T	A57 0	EMP.		NO.	13	_	4 2		1 4 2	1 218	1	1	00021	
					Ī		TRANS DIR.	SPEED	MET	ER DRY	w	ET CODI	OBS.	DRSERV									
					-	CODE	um 1	FORCE	(mb)	auta	84	LB	DEPTHS										
						!	18	522	19	1 186	11	81 7	11										
	WEITENCE	CAST	CARD	DEPTH bm1	٦,	τ	s =/o.		T-AN	INCINC VO		₹ A D	sou		D 2 m1/1	PO4=	1 10	014L-P	ND3-N	NO3-N	SI Da-Si		3
	TIME H 8 1/10	NO.	TYPE	OLFIN WIL	1 '		3 700	3107		AHOMALT-	4187	2 10 ³	VELO	CITY	0,1	>3 = 01.	n ,	yg - 81/1	μg = at/(μg = 01/E	μ μ - αt/ (pH	C
	-																						1
	1	1	STO	0000	18	48	3650	26	32	00171	39	0000	151	197			,	,					
	044		085	0000	18	48	36501	26	32				151	197									
	044		085	0009	18	34	36461	26					151										
			STD			134	3646	26		00171		0017	151										
			STD			34	3648 3651	26		00169		0034	151										
	044		STD	0030		30	36505	26		00101	0 2	0031	151										
	044		085	0048		116	36495	26					151										
	044	•	STD			12	3649	26		00165	36	0084	151										
			STO			71	3647	26	49	00158	0.0	0125	151	186									
	044		085	0095	17	46	36449	26	53				151										
			STO			42	3644	26		00154		0164	151										
			STD			2.2	3643	26		00151	20	0505	151										
	044	•	OB5	T0135		16	36420	26!		00161		0310	151										
			STO			15	3642	26		00151		0240	151										
			STD			06	3641	26		00153		0392	151										
	044		085	0263		05	36402	26		00111			151										
			STO			00	3639	26		00155	00	0469	152										
	044	4	OBS	T0371	16	91	36365	26					152										
			STD			62	3630	26		00155	92	0625	152										
	044	•	OBS	T0458		94	36176	26		00165	7.7	0775	151										
	044		STD OBS	0500		67	3609 36001	26		00145	32	0775	151										
	044	•	510			90	3590	26		00131	39	0914	151										
			STD			51	3572	27		00118		1039	15										
			570			15	3556	27	20	00106	75	1152	150	384									
			STD			182	3542	27		00094		1252	150										
			STD			352	3529	27		00084		1342	150										
			STD			25	3518	27		00073		1421		984									
			510			02	3508	27		00063		1489	149										
	044		STE OBS	1300 T1339		82	3500 34977			00003	, 0	1247		905									
	044	4	003	11339	04	20	24711	21	10				14	, , ,									

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE	SHIP	LATITUE	DE	LONGITUDE		ARSDEN QUARE	STATIO	4 TIME	YEAR	CRUISE	DNGIN	TATION	_	DEPTH TO	MAX. DEPTH OF	081	WAVE SERVATION	45	WEA-	CLOUD		51.	00C	
COOL NO.	CODE		1/10	1/10		10	MO DA	Y HR.1/10	7	NO.		UMBER		BOTTOM	S'MPL'S	Dat	NGT PE	ABF	CODE	TYFE AMI		Mil	MBER	
		2 / 2 2		V.122 H	11	5 61	04 20	078	1969	A57	00	3		4700	13	18	4 3		X 2	6 8			0003	
311479	I YA I	3630	AL IL	06122 W	1 111	WA		WINO		1-1	AIR TEA		_	NO.								•		
						COLOR	TRANS C	OIL OIL	1 1	En C	DRY	WET	COOL		OBSERV.									
							1	8 52		12 1	91	182	7	11										
	_				-		12	8 32 ·	L L 1	1		1 -	Δ D	<u> </u>			T							1.
	HE 1/10	CAST	TYPE	DEPTH	(m)	r *c	s */	S)	GMA-T		ALY-B1	£, [0,	N. M 1 10 ³		DCITT	02 ml/l	PO4~		0TA L P g = 41/i	NO3-N	NO3-N VB - 41/1	\$1 Oa=\$1 pg = 61/1	рН	ć
	7710				_									1.										П
	I	1	T		2	1740	3640		651	001	532	a ' oi	000	15	164		1							,
	0.70		5T0	0000 0000		1740	3640	_	651	001					164									
	07B		085	000	-	1738	3641		652					15	165									
	016		510			1738	3641		652	001	522	9 0	015	15	165									
			510			1737	3641		653	001	524	0 0	031	15	167									
			510			1732	3641	. 2	654	001	516	6 0	046	15	167									
	078		085	003	2	1730	3641	1 2	654					15	167									
	0.0		510			1709	3641	2	659	001	469	1 0	076	15	163									
	0.78		085	005	0	1709	3641		659						163									
			5 T (007	5	1698	3639	2	660	001	466		112		164									
			510	010	0	1690	3637		661	001	471	6 0	149		165									
	078		085	010	2	1689	3637		661						165									
			5 T (0 012	5	1685	3635		660	001	485	2 0	186		168									
	078		085	T014		1680	3632		660				200		170									
			5 T (1680	3633		660		497	-	223 298		170 175									
			5T1			1669	3630		660		508		290 374		179									
			5.70			1658	3627	_	661	001	219	9 0	214		182									
	078		085	027		1652	3626		661		521		450		175									
			5 T I			1621	3618		662 670	001	221	0 0	450		153									
	078		085	037		1515	3594		674	001	436	4 0	598		148									
			511			1489	358		695		254		733		115									
			511			1288	3576		703	001		• •			102									
	078		085 5TI			1106	356		727	000	952	B 0	843		048									
			5 T			0872	3545		753		699		925		977									
			5.71			0684	3530		770		1534		987		920									
	0.70		085	T082		0644	352		772	• • •				14	809									
	078		51			0608	351		770	000	5 3 5	8 1	041	14	905									
			5 T			0561	350		769		548		095		901									
			5 T			0513	350		770		539		149		898									
			51			0465	349		773		508		202	14	894									
	076	3	085			0424	349		777					1 4	891									

REFERENCE CLEY ID.	SHIF	LATITUDE	LOP	AGITUDE 200	WARS SOU	ARE	STATION	T)	YEAR			TATIC	N.	DEPTH TO BOTTOM	DEPTH OF	00,	WAVE ERVATIONS	WEA- THER CODE	CLOUD	}	51	NODC MATION UMBER	
COOR NO.		1/1	10	1/10 *	10"	1. 1	MO DAY	HR.1/10	1	+	NO. P	ILWIN	(I	10710M	S'MPL"	OIL	HGT 988 58	4 0000	TYPE A M		- 1	Owner.	
311479	YA	3702 N	0.6	141 W	115	71 0	4 20	119	1969	9 /	A57 00-	4		4846	15	20	5 3	x 2	8 8	1		0004	
						WAS	SR .	WIND	- FA	RO-	AIR TEI	AP. °C	· VII	NO.	SPE	CIAL							
						COLOR	TRANS. D				DRY	WE	1 (000)	OBS. DEPTHS		ATIONS							
						CODE	041	101		,	+	_											
							2	0 52	7 13	3 1	190	17	9 6	13									
	MESSENGE	CAST	CARD		١.	°C	s =/.			3	PECIFIC VOLU	ME	ΣΔD	SOL	IND	0	PD4-P	IOTAL-F	NO2-N	NO3-N	51 04-51		1 2
	11ME HR 1/10	P NO.	TYPE	DEPTH (m)	ļ '	C	3 -7,	. 311	GM A -1		ANOMALT-ET	n2	X 103	VELC	CITY	O2 ml/s	µ8 = 01/1	μg = 01/8	vg - 01/1	yg = 6171	ид - Ф1/1	pН	c
	718 1710				+					+		-											†
			0	2000	1	767	3651	1 2.	655	١,	001490	e	0000	15	171		1 1					1	1.
			510	0000		757 75 7	3651		655		001470	u	0000	15									
	119		85	0000		752	3650		656						170								
	113		510	0010		752	3650		656	,	001489	7	0015	15									
			510	0010		751	3651		556		001489		0030		172								
	119		85	0025		751	3650		556	,	001407		0030		173								
	114		510	0030		752	3651		656		001493	0	0045		174								
			510	0050		754	3651		656		001504		0075		178								
	119		85	0061		755	3650		655			_			180								
	***		510	0075		751	3650		656	(001511	4	0112		181								
	119		85	0083		747	3649		656					15	181								
			510	0100		732	3649	2	660	(001484	6	0150	15	179								
			510	0125		714	3648	2	663		001455	8	0187	15	178								
	119	0	85	0126	1	713	3648	2 2	664					15	178								
			510	0150	1	712	3648	2	664	(001461	1	0223	15	181								
			510	0200	1	708	3647	2	664	(001476	0	0296	15.	188								
	119	P 0	185	0234	1	7 3 2	3645	4 2	664						192								
			510	0250	1	697	3645	2	665	(001485	9	0371		193								
			5 T D	0300		682	3642		666	(001488	5	0445		196								
	119	0	185	T0338		671	3639		667						199								
			5 T O	0400		606	3617		665	(001526	3	0596		187								
	119	9 0	85	T0432		561	3606		667						177								
			510	0500		428	3588		682	(001379	6	0741		144								
	119	9 0	85	0536		356	3578		690						125								
			5TD	0600		206	3557		704		001184		0869		280								
			STO	0700		993	3532		723		000999	1	0978		992								
	119	9 0	85	0750		897	3522		732		000700	0	1068		965								
			STD	0000		804	3519 3514		744 763		000798 000607		1139		918								
			510	0900		643	3510		771		000007	0	1124		895								
	119	9 (510	T0963		560 550	3509		771		000526	я	1195		B97								
			5T0	1100		523	3505		771		000531		1448		902								
			510	1200		496	3502		772		000528		1301		907								
			5T0	1300		469	3500		773		000517		1353		913								
			510	1400		442	3498		775		000505		1405		918								
	119	9 (185	T1499		415	3497		778		_ ,	-			923								
	4.1			4			,																

Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

CTRY 1D.	SHIP	LATITU		NGITUDE S	SOUARE	STATION TO		A2		TATION		DEPTH TD IDTTOM	DEPTH OF S'MPL'	Onsi	WAVE EVATIONS	WFA-	CLOUE		S	NODC TATION HUMBER	
311479	YA	3730	1/10 N 0.6	208 W	115 72	04 20 1		69	NO. H	UMBER	-	846	14		5 3	× 6	1171 AV	1		0005	
311477					COLOS	E8 V	IND	BARO METER	DAY	WET	VIS	ND. D85.		CIAL							
					CDDE	20	525	105	183	182	6	DEPTHS 14									
	MESTENG	CAST ND.	CARD	DERTH (m)	1 7 %	5 %.	SIGMA	1	SPECIFIC VOLU		△ D N. M. 10 ³	SOU		D2 ml/l	PD 4=P		ND2-N	NO3-N	\$1 E 4 \$1	p.H	1
	HR 1/10	1.0.	1172	-	-		-	-			103	4650	CHI		yg = 81:1	µg = 41/1	µg + etz i	ug - etri	99 - 41 l	-	C
ı			STO	0000	1	3646 36461	1			'		1	,		,		,				1 '
	148		085 STO	0010	17/0	3647 36473	2655					151	60								
	148	3	08S STO	0011	1748 1746	3647	2655		0015019			151	.70								
	148	3	ST0 08S	0030	1745 1744	3647 36472	2655 2655					151	72								
	148	3	STO OBS	0050 0051	1728 1727	3644 36438	2657 2657	,	001493			151	69								
	148	3	STO OBS	0075 0076	1723 1723	3645 36452	2659 2659)	001483			151	72								
	148	3	ST0 085	0100	1718 1718	3646 36463	2661 2661		0014730			151 151									
			STD	0125	1718 1717	3646 3645	2661 2660		001481			151 151									
	148	3	085 STD	T0151 0200	1717 1718	36452 3645	2660 2660		001511	5		151 151									
	148	3	STD	0250 0287	1719 1720	3645 36454	2660		0015310)		152									
			STO STD	0300	1720 1718	3646 3646	2660 2661		0015449			152									
	148	3	OBS STO	T0412 0500	1717 1703	36462 3643	2661 2662		001591			152									
	146	9	08S STD	T0531 0600	1698 1540	36421 3609	2663		001499			152	39								
	146	3	08S STD	0613 0700	1511 1334	36031 3573	2676)	001348			151	91								
	146	3	085 STD	0790 0800	1141	35490 3547	2710)	0011310			150	90								
	146	,	STO	0900 T0961	0869	3532 35243	2744		000827			150	8 C (
	146	,	STO	1000	0720 0653	3520 3510	2757	r	000694			149	966								
			STO	1200	0587	3504	2762		000587	9		149	944								
			STO	1300 1400	0520 0453	3500 3499	2767					149									
					0.00	01000			000513	5		2									
	148	3	085	T1423	Q438	34989	2776		000513	5		149	20								
REFERENCE COMP TO	SNIP CDDE	LATITUE	DE LON	GITUD! JUNG	MARSDEH SDUARE	STATION TIN	2776	,	DRIGINA AUISE ST	TOR'S		DEPTH 1D	MAX. DEPTH	DRSE	VAVE EVATIONS	wła- THIR	CLDUD			HDDC TATION	
COOR NO.	SNIP	LATITUD	DE LON	GITUDE SON	SOUARE	STATION THE	2776	AR C	DRIGINA RUISE SE ND. N	TOR'S ATION UMBER	80	DEPTH 1D DTTDM	MAX, DEPTH	DIR N	GT PLE STA	CODE	TIES AM		N-	UMBER	
COOR NO.	SNIP	LATITUE	DE LON	GITUDE SOM	10° 1° 11 115 82 0 WATE	STATION TO IGMT! MO DAY HE MO 4 20 1	2776	AR C	DRIGINA STUISE ST ND. NI A 5 7 006 A 18 TEM DRY	TOR'S ATION UMBER P. 'C WEI	VIS.	DEPTH TO DITOM	MAX, DEPTH OF S'MPL"	20	EVATIONS	THER	CDDES		N-		
COOR NO.	SNIP	LATITUD	DE LON	GITUDE SON	10° 1° /	STATION THE IGMTI MO DAY HE MO DAY HE W TRANK DIR	2776	AR C	DAIGINA NO. SI NO. N A 5 7 0 0 6 A 18 TEM DRY BULB	TOR'S ATION UMBER P. 'C WEI BULB	4 VIS.	DEPTH 10 DITOM	MAX, DEPTH OF S'MPL"	20	GT PLE STA	CODE	TIES AM		N-	UMBER	
10. 10. 10. 11.479	SNIP CODE YA	3800	DE LON	GITUDE SON	10° 1° 11 115 82 0 WATE	STATION TINIGMENT IGMENT IMO DAY HE IMO DAY HE IMO DIR	2776	AR 69	DRIGINA BUISE SI ND. N A 5 7 006 A 18 TEM DRY BULB 202 PECIFIC VOLUM	ATION'S ATION JAMBER P. 'C WEI BULB	VIS.	DEPTH 10 DOTTOM 480 NO. DBS. DEPTHS 1	MAX. DEPTH OF S'MPL' 16 SPEI DRSERV	20	PDa=P	X1	8 2	NO ₃ -N	SI D4-S	UMBER	
10. 10. 10. 11.479	SNIP	3800	DE LON 1/10 N 06:	GITUDE 1/10 227 W	MARSDEN SOUARE 10° 1° / 115 82 C WATI COLOR	STATION THE IGHT!	2776 AE TE1/10 94 19 IND IND IND IND IND IND IND IND IND IND	AR 69	DRIGINA SRUISE ST ND. N A 5 7 006 AIR TEM DRY RULE 202	ATION'S ATION JAMBER P. 'C WEI BULB	4 VIS.	DEPTH 10 DITOM 480 NO. DBS. DEPTHS 13	MAX. DEPTH OF S'MPL' 16 SPEI DRSERV	DISEI DIE IN 20	PDa=P	X 1	8 2		N.	0006	
10. 10. 10. 11.479	SNIP CODE Y A	3800	DE LON 1/10 N O6:	O 0 0 0	MARSDEN SOUARE 10° 1° / 115 82 C WATI COLOR	STATION THE IGHT!	2776 AE TE1/10 94 19 IND IND IND IND IND IND IND IND IND IND	AR 69	DRIGINA BUISE SI ND. N A 5 7 006 A 18 TEM DRY BULB 202 PECIFIC VOLUM	ATION'S ATION JAMBER P. 'C WEI BULB	VIS.	DEPTH 10 DOTTOM 480 NO. DBS. DEPTHS 1	MAX. DEPTH OF S'MPL' 16 SPEI DRSERV	DISEI DIE IN 20	PDa=P	X1	8 2	NO ₃ -N	SI D4-S	0006	-00
10. 10. 10. 11.479	SNIP CODE YA	3800	CARD TIPE	O(PTH (m)	MARSOEM SOUARE TO 11 17 11 15 82 CODE CODE	STATION TIP IGNATION TO DAT HIS IGNATION TO DAT HIS IGNATION TO DIR IGNATION T	2776 AE TE: 1//0 94 19 HD	AR 69	DRIGINA BUISE SI ND. N A 5 7 006 A 18 TEM DRY BULB 202 PECIFIC VOLUM	ATION'S ATION JAMBER P. 'C WEI BULB	VIS.	DEPTH TO DITTOM 480 MO, DBS. SEPTHS 13	MAX, DEPTH OF S'MPL' 16 SPEN ORSENV	DISEI DIE IN 20	PDa=P	X1	8 2	NO ₃ -N	SI D4-S	0006	
10. 10. 10. 11.479	SNIP CODE Y A	3800	CARD 1710 N 06: CARD 177E STD 085 STO 085 STD	DIFFH (m) 0000 0010 0012 0020	MASSOEM SOUARE 10° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1°	STATION TO TO THE PROPERTY OF	2776 AE TE. 1710 94 19 140 1600 1600 15000 2566 2566	69 BARD- METER Imbel 073	DRIGINAL ST ND. ST	ATION'S ATION BATION UMBER WEI BULB 193	VIS.	DEPTH TO MO. DBS. SOUN VELDO	MAL DEPTH OF SPEED OF	DISEI DIE IN 20	PDa=P	X1	8 2	NO ₃ -N	SI D4-S	0006	-000
10. 10. 10. 11.479	SNIP CODE YA	3800	CARD TYPE STD OBS STO OBS STD OBS	0000 0010 0012 0020 0035	2091 2090 2090 2090	STATION TO THE TOTAL TO	2776 AE TEI IVI0 94 19 HD HID HID HOID SOCIO SIGMA- 2566 2567 2567	AR COMMETCER IMPETER I	DRIGINA ND. N A 57 006 AI TEM DOT BULB 202 202 202 202 202 202 202 20	ATION'S ATION BATION UMBER WEI BULB 193	VIS.	DEPTH 10 01TDM 480 NO. DBS. EEPTHS 13 SOUN VELDO	MAX. DEPTH OF SPECIAL	DISEI DIE IN 20	PDa=P	X1	8 2	NO ₃ -N	SI D4-S	0006	- U D D O
10. 10. 10. 11.479	SNIP CODE YA	3800	CAND 1/10 N 06:	DEFTH (m) 0000 0010 0012 0020 0035 0055	10° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1°	51ATION 11/10AT 140 16AT 140 1	2776 AE TE. 1//10 94 19 HD 1910 1010 1010 1010 1010 1010 1010 1010	69 BARD- O 73	DRIGINA A 57 006 A 57 000 C 3 4 2 9 00 2 3 4 5 4 00 0 2 3 5 2 5	ATION'S ATION BATION UMBER WEI BULB 193	VIS.	152: 152: 152: 152: 152: 152: 152: 152:	MAX. DEPTH OF	DISEI DIE IN 20	PDa=P	X1	8 2	NO ₃ -N	SI D4-S	0006	4 C C
10. 10. 10. 11.479	SNIP CDDE YA	3800	CARD 1710 N 06:	DEFIN (m) 0000 0000 0010 0012 0020 0035 0055 0055	2091 2090 2090 2090 2090 2090 2090 21733	3648 3648 3648 3648 3648 3648 3648 3648	2566 2566 2566 2566 2567 2567 2567 2567	BARD-METER LIMBET	DRIGINA A 57 006 NO NO NO NO NO NO NO NO NO NO NO NO NO	ATION'S ATION BATION UMBER WEI BULB 193	VIS.	1522 1522 1522 1521 151	MAX. DEPTH AND OF OF OF OF OF OF OF OF OF OF OF OF OF	DISEI DIE IN 20	PDa=P	X1	8 2	NO ₃ -N	SI D4-S	0006	900
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10. 10. 10. 11.479	SNIP CODE YA 1704 194 194 194 194	3800 2001	CAND 17/19 N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000 0000 0000 0010 0010 0010 0010 001	20 91 20 90 20 90 20 90 20 90 20 90 20 90 20 90 21 71 8 171 8 1718 1719 1720	3648 3648 3648 3648 3648 3648 3648 3648	2776 At 11/1/10 10/10	0 73 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DRIGINA (CRUITE) 31 N NO. N N N N	ATION'S ATION MATERIAL MATERIA	VIS.	1522 1522 1521 1511 1511 1511 1511 1511	16 5 66 66 68 69 77 77 77 78 88 3 88 5 100 8 8 100 8 1	DISEI DIE IN 20	PDa=P	X1	8 2	NO ₃ -N	SI D4-S	0006	200
10. 10. 10. 11.479	SNIP CODE YA 1704 194 194 194 194	3800 2001	CANO (1719) N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000 0000 0000 0010 0010 0012 0020 0035 0055 0075 0075 0083 0100 01125 0150 0125 0150 0125 0150 0125 0150 0125 0150 0125 0150 0125 0150 0150	2091 2091 2090 2090 2090 2090 2090 2090	3648 3648 3648 3648 3648 3648 3648 3648	2776 At Title Tit	69 BARD	DRIGINA (RUISE) 51 N/ND;	ATION'S ATION MATERIAL MATERIA	VIS.	1522 1522 1521 1511 1511 1511 1511 1511	MART: DEPTH OF SPECIAL PROPERTY OF SPECIAL PRO	DISEI DIE IN 20	PDa=P	X1	8 2	NO ₃ -N	SI D4-S	0006	- UU
10. 10. 10. 11.479	SNIP CODE YA WESSINGE 1944 194 194 194 194	3800 2001	CAND 17/10 CAND 17/10 STD 085 STD 08	OCO 00 000 0010 0010 0012 0020 0035 0055 0075 0075 0110 0125 0150 0250 0300 0407 0508 070548	2091 2090 2090 2090 2090 2090 2090 2090	3648 3648 3647 3648 3648 3648 3647 3648 3648 3647 3646 3646 3646 3646 3646 3646 3646	2776 At Title P4 19 P5 P5 P5 P5 P5 P5 P5 P	0 73 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAIGINA (RUISE) 51 N. NO. N. NO. N. NO. N. NO. N. NO. N. NO. N. NO. N. NO. N. NO. N. NO. N. NO. N. NO. N. NO. N. NO. N. NO. N. NO. N. NO. NO	ATION'S ATION MATERIAL MATERIA	VIS.	1522 1522 1521 151 151 151 151 151 151 1	MART 16 16 16 16 16 16 16 16 16 16 16 16 16	DISEI DIE IN 20	PDa=P	X1	8 2	NO ₃ -N	SI D4-S	0006	W G G
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10. 10. 10. 11.479	SNIP CODE YA WHISINGS 1104 1194 194 194 194 194 194 194	3800 2001	CAND 17/19 LON 06.0 CAND 17/19 LON 06.5 STO 08.5	0000 0000 0000 0010 0010 0010 0010 001	20 91 20 90 20 90 20 90 20 90 20 90 20 90 21 72 1 17 18 17 19 17 18 17 19 17 18 17 19 17 20 17 21 17 21 17 21 17 21 17 21 17 21 17 21 17 20 16 39 16 39 14 07 10 56 09 13 08 11 06 35 99 49	3648 3648 3647 3648 3648 3648 3648 3648 3648 3648 3648	27766 2566 2567 2566 2567 2566 2567 2566 2567 2566 2567 2566 2660 2660 2660 2660 2660 2660 2660	AB	DAIGINAM DAIGNAM DAIGN	ATION'S ATION MATERIAL MATERIA	VIS.	1522 1522 1522 1521 1531 1531 1531 1531	DESTRICT 16 SPECIAL SOCIETY 16 666689 1777 18 8 8 3 5 1 0 0 8 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DISEI DIE IN 20	PDa=P	X1	8 2	NO ₃ -N	SI D4-S	0006	200
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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REPERENCE					MARSDEN	STATION TI	ME	DRIGIN	A TOR'S	DE	PTH M		WAVE	WEA-	CLOUD			NODC	
C187 10,	CODE	LATITU		ONGITUOE NO	SQUARE	(GMT)	YEAR		TATION		TOM S'M	5	HOT PUT SEA	THER	CODES		S	HOTTAT	
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					-		SPEID MET	ID	WET	VIS N	IS. CAC	PECIAL RVATIONS							
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	MESSENG	CAST	CARD	T	F .		T	SECONIC ADER	MI \$	A 0.	SOUND	T	PO ₄ ~P	TOTAL-P	NO2-N	ND3-N	51051		s
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	011		510 085	0000		36382													
	019		085	0000	2237	36380	2518				15301								
	01:	,	510	0010	2237	3638	2518	002799	7		15301								
			STD	0020	2238	3638	2518	002804			15303								
	015	5	085	0029	2238	36379	2518				15305								
			STD	0030	2229	3638	2520	002785	5		15303								
	015	5	085	0045	2111	36422	2556				15275								
			510	0050	2086	3641	2562	002392	7		15269								
	015	5	085	0070	1998	36406	2586				15249								
			510	0075	1979	3643	2593	002114	3		15245								
	015	5	085	0092	1926	36501	2612				15234								
			510	0100	1919	3651	2614	001916			15233 15231								
			STD	0125	1895 1881	3654 36545	2623 2627	001844	2		15229								
	015	>	085 5TD	T0138	1864	3654	2631	001777	5		15226								
	015		085	0190	1813	36501	2641	001777	,		15218								
	01:	2	STD	0200	1800	3647	2641	001691	7		15215								
	015	5	085	T0245	1760	36420	2648				15210								
	V		510	0250	1760	3643	2648	001643	1		15211								
	019	5	085	T0291	1754	36472	2653				15217								
			510	0300	1749	3647	2654	001605	9		15217								
			510	0400	1697	3637	2659	001590)		15217								
	015	5	085	0489	1651	36169	2654				15215								
			510	0500	1598	3610	2662	001590			15200								
			5TD	0600	1171	3556	2710 2736	001125			15070								
	0.24		STD	0700	0850 0747	3518 35077	2743	000001	,		14932								
	015	,	085	0800	0682	3507	2752	000700	9		14916								
			5TD	0900	0586	3507	2765	000578			14895								
	019	5	085	T0988	0518	35061	2772	0003.0	-		14882								
	01.	,	STD	1000	0515	3506	2773	000501	4		14882								
			STD	1100	0493	3504	2774	000498			14890								
			510	1200	0473	3502	2774	000497	3		14898								
			510	1300	0455	3501	2776	000491			14907								
			510	1400	0439	3499	2776	000494	5		14917								
	019	5	085	T1468	0429	34987	2777				14924								
			510	1500	0425	3498	2777	000492			14928								
			STD	1750	0398	3497	2779	000486			14959								
			510	2000	0383	3497	2780	000486	9		14995								
	015	5	085	T2058	0381	34967	2780				15004								

Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

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CTEY ID.	SHIP	LATITUE	DE	LONGITUDE	15 MA	RSDEN	STAE	ON T	1AA E	YEAR	L	DNGIN			_	DEPTH	DEPTH		'AW	/E	WEA-	CLOUD			NODC	
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			510			627	361		266		0	014780	3			151										
			510			547	361		261			013030				151										
	04	5	085	0173	2	498	361	96	269							151										
			510	0200	1	496	362	1	26	93	0	01198	2			151										
	04	5	085	0230	1	476	362	15	269	98						151										
			510	0250	1	431	361	7	270	04	0	011020)			151	07									
	04	5	085	0287			360																			
			510			320	360		27		0	010074	4			150	77									
	04	5	OB5	T0345		219	358		272							150										
			510			068	355		27:			008664				150										
	04		5T0 0B5			839	352		274		0	007403	3			149										
	04	7	510	0569		715	351		275		_					148										
			STO			685 599	351 350		275			006521				148										
			510			530	350		276			005615				148										
	0.4	5	OB5	0850		503	350		277		J	00204;	-			148										
			510			486	350		277		٥	004839	9			148										
			510	1000		461	350		277			004749				148										
			510	1100	0	438	349	7	277	7.4		004780				148										
	04	5 1	OB5	1134	0	431	349	68	277	75						148										
			STD	1200	0	424	349	7	277	76	0	004721				148										
			5T0		0	414	349	7	277	7	0	004703	3			148	90									
			510			404	349		277		0	004680)			149	02									
			510			395	349		277		0	004674				149										
	045) (OBS	T1708		376	349		276							149										
			510			375	349		278			004652				149										
	049	. ,	510			358	349	_	278		0	004622				149										
	04	,	085	T2280	0	342	3499	00	278	3						150	25									

Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number $31\hbox{-}1479. {\color{red}\longleftarrow} Continued$

REFERENCE	SHIP				E MAI	SOEH	STATE	AIT MO			DIJGIN		_		DEPTH	MAX		WAV		wea-	CLOUD			NODC	
CODE HO.	C008	LATITUD	1/10	NGITUDE	5Q1	JARE 1°	0 0 0			TEAR		STATIO		В	OT MOTTO	0.6	1 00		ER SEA	THE	TYPE AM	-	1 3	MOITAT	
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						COOE	t=1	-	FORCE	(m) s	1 8018	10	LB		PEFTHS										
						l		01	\$26	177	075	05	5	7	15										
	MESSENGE TIME	CAST	CARD			1 10	Ι.	.,			SPECIFIC VOLL	JALE	₹ ∆	0		DNU	D2 ml/	PC	4P	TOTAL-P	ND2=N	NO3-H	\$104-5		5
	HR 1/10	ND.	TYPE	DEPTH (^{~1}		١,	٠/	SIGM	^-'	E-11A MONA	107	E I	g3	YELO	ocm	D2 m0	/19	e #1/1	pg = 01/1	NB - 81/1	yg = +t/1	Jg = 81/1	PH	č
	778 (710	1			$\overline{}$				1	\neg					1			1							71
	1	1 1	STD	0000	, '		358	9	'						,				,				'		
	081		085	0000			358																		
	081		085	0009		630	358	91	263	8					15	127									
			STO	0010) 1	630	358	9	263	8	001658	2			15	127									
			STD	0020) 1	632	358		263		001665	0				129									
	081		085	005.		633	358		263							130									
			STD	0030		594	358		264		001614	9				119									
	081		085	0044		453	357		266		001115	-				075 072									
			STD	0050		442	356		266		001415	- (053									
	081		085	0066		296	356 355		267 268		001249	2				026									
	001		510 085	00 7		205	354		269		001247	,				996									
	081		510	0100		183	354		269		001124	6				991									
			STO	012		148	354	-	270		001082					982									
	081		085	013		140	353	96	270	3					14	981									
			STO	0150		132	354	0	270	4	001062	7			14	981									
	081		085	017	B 1	122	353	96	270	6						982									
			STD	0200		120	354		270		001043	2				965									
	081		085	022		117	354		270			_				988									
			5 T D	0250		111	354		270		001039	2			-	990									
	081		085	026		105	354		271		001020					991 987									
			510	0300		1082	353 352		271 271		001029					969									
	001		ST0 085	040		936	352		272		000713	-				957									
	081		STD	0500		836	351		273		000831	3				927									
			510	0600		0680	350		275		000681				14	882									
	081		085	067)594	350	12	275	9					14	860									
			STD	070) (563	350	1	276	0	000591					859									
			STD	060	0 (539	350		276		000546					858									
			STD	090		1495	350		277		000500	8				857									
	081	l.	085	090)495	350		277							857									
			STD	100)464	350		277		000476					861									
			STD	110		0440	350		277		000460					877									
			STO	120		0423	349		277		000454					690									
	083		STD 085	130		0414	349		277		000494					897									
	08.		510	140		7412	349		- 11						,										
			STD	150			349																		
			STD	175			349																		
	0.6	1	085	180				76																	

Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE	SHIP	LATITUDE	1	INGITUDE	# D M	ARSDEN	STATION	TIME			ONGIN	ATOR'S		DEPTH	MAX	2	WAVE	T	WEA-	CLOUD			NODC	
CODE NO.	C005	1/10		1/10	[조무]	D. 1.	MOTDAY		TEAR	CRUISE NO.		TATIO		OT TO	OF	0	SERVATIO		CODE	CODES		S	TATION	
— —										_	<u> </u>		`		S'MPL	S DIE	HGT PIE	SEA		1996 A M	1		OWEER	
311479	YA	3916 N	06	328 W	1 111	5 93 WA	04 21	107	1969	A57				3910	19	35	7 3	- 1	X 1	8 6	1		0010	
						COLOR		WINO 1398E	IAI	10- <u> </u>	AIR TEA		ZIV	NO.	SPI	CIAL								
						CODE	TRANS. DIS	FORC			ULB	BULS	COD	OBS. DEPTHS	OBSER	ATIONS								
							35			0 0	81	051	\rightarrow	15										
				_			1 133	1250	120	0 10	91			115	Ļ,		Ц.	-	-			,	,	_
	MESSENG	PI NO. T	ARD YPE	DEPTH 0	m)	7 10	5 %.	SIG	MA-T	SPECIFIC	VOLU:		₹ A D		ONU	0 g ml/	PO ₄ =		TA L-P	NO3-N	NO3-N	\$1.04-\$1	рн	1
	Nº 1/10	-		-	-		-			-			K 10 ³	AFEC	DCITY		≥Q - 81	/1 ==	* 61/1	NB - BI/	98 - 01/1	μg = e1/3	J PA	00
								-				- 1			1				I			-		П
			TO	0000		1729	3628	26		001	5984	÷ 0	000	15	159		•							,
	107			0000		1729	36275	26						151										
	107		10	0010		1729	3628	26		001	5996	5 (016	151										
	107		10	0010		1729	36278	26		0.00				151										
			TD	0020		1728 1723	3627 3626	26 26		0016			032	151										
	107			0032		1721	36256	26		0016	3071	. (048	151										
			TO	0050		1701	3602	26		001	7365		082	151										
	107			0051		1697	3002			001	, , , ,	,	002	171										
		S	TO	0075		1500	3581	26	61	0014	+563	3 0	121	150	96									
	107	08	5	0077		1487	35800	26	63					150										
			TO	0100		1380	3574	26	82	001	2678	3 0	156	150										
	107			0102		1372	35730	26						150	58									
			TD	0125		1303	3562	26		0012			186	150	38									
			T O	0150		1240	3553	26		0011	1627	0	216	150										
	107			T0153		1233	35518	26						150										
	107		TO	0200		1152	3545	27		0010	0714	0	272	149										
	107		10	0250		1108	35438 3539	27		0010		_	325	149										
	107			T0256		1099	35379	27		0010	400		227	149										
	• • •		TO	0300		0999	3528	27		0009	1521	0	375	149										
	107			0308		0982	35261	27		000.	223	0	-,,	149										
		5	TΩ	0400		0798	3512	27		0007	694	0	461	148										
			TD	0500		0646	3501	27	52	0006			532	148										
	107			0517		0625	35000	27						148	146									
			TO	0600		0565	3500	27		0005			593	148										
	202		TD	0700		0507	3500	276		0004	997	0	646	148										
	107		5 T 0	0758 0800		0481	34998	27						148										
			T D	0900		0471 0450	3500 3500	27		0004			694	148										
			TO	1000		0431	3500	27		0004			740 784	148										
	107	08		T1019		0428	35004	27		0004	240	U	104	148										
			ro	1100		0417	3499	27		0004	366	0	827	148										
			TD	1200		0404	3497	27		0004			871	148										
		5	T D	1300		0393	3496	271		0004			916	148										
	107	089		T1351		388	34955	27	7.8					148										
			10	1400		384	3496	271		0004	480		961	148										
			T D	1500		1376	3496	278		0004			006	149										
	107		TD	1750		364	3496	278		0004	512	1	110	149										
	107	089	9	T1876	4	3362	34955	27€	31					149	65									

Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE CTAY ID.	SHIP	LATITU	DE	LONGITUDE	8 201	SDEN	STATION	1	YEAR	CRUISE	STATIC	N	DEPTH TO BOTTOM	DEPT	H DE	BVAW ZHOTTAVEEZ	WEA- RINT	CLOUD		5	NODC TATION	
CODE ND.			1/10	1/10	10"	₹* .	MD DAY	HR,1/10		NO,	NUMB	A	BUTTOM	Z'MPL	"S DIR	HGT PER SEA	CODI	TIPE AN	1		UMBER	
311479	VΔ	3932	N r	16340 W	115	93 0	34 21	134 1	1969	A57 01	1		4355	19	02	5 3	X 2	e 8	1		0011	
311417				, , , , , , , , ,		WAT		WIND	RAR	4 10 17			NO.		ECIAL							
						COFOS	HANS DIR	SPEIG	MET	ER DRY	WE	caa	OIS.		VATIONS							
						CODE	(m)	FORCE	(m)	el BULB	RUL	-	DEFINI									
							02	522	20	0 058	04	1 8	15									
	MESSENG	e CAST	CARD			4-				SPECIFIC VOLU	IMI	₹ ∆ D	501	UND		PD4=P	TOTAL-P	ND2-N	ND3-N	5104-51		s
	HR 1/10	et MO.	TYPE	DEPTH im	1 '	, C	\$ %.	SIGA	7 — A A	AHOMALT-E	£7	2 103	VEL	DCITY	D2 m1/	pp = 01/1	## = 01/1	μg = e1/I	NB - 01/1	µg • ⊕1/1	p H	Ĉ.
	17.76										\rightarrow				_						-	+
		1 1			- 1		2/02	1			- 1									l	I	111
			STE				3603															
	134	4	085	0000			36028 3605															
			STE																			
	134	4	085 STE	0010			36045 3605															
			5 T C		1	680	3605	263	3.6	001663	3		15	147								
	134	l.	085	0030		680	36046	26:		001000	-			147								
	134		085	0047		682	36047	263						150								
	10.	-	510			679	3606	263		001658	4			150								
	134	4	085	0071		661	36133	264						149								
			STE			648	3613	265		001543	6			146								
	134	4	085	0094		585	36126	266					15	130								
			STD	0100	1	566	3604	266	54	001437	7		15	124								
			STD	0125	1	487	3574	265	59	001495	1		150	099								
	134	4	085	0140			35621															
			510	0150	1	405	3561	266	5 7	001427	7			075								
	134	la la	085	0187		279	35536	268						039								
			STD			219	3548	269		001172	9			020								
	134	4	085	T0232		118	35387	270						989								
			5 T C			107	3540	270		001039	5			988								
	134	4	085	T0276		085	35406	271						985								
			510			032	3535	271		000956				969								
			510			837	3515	273		000806	8			911								
	134	4	085	0461		739	35067	274		000670	0			882								
			510			689	3505	274		000679				869								
	1.7		5T0			581 516	3501 34996	276		000575	**			842 829								
	134	•	510	0681		509	3500	276		000502	2			829								
			510			477	3503	277		000451				833								
			510			450	3505	277		000431				839								
	134		085	10932		442	35058	276		000-15				841								
	13.	•	510			433	3505	276		000402	6			848								
			510			422	3504	278		000406				860								
			570			411	3503	278		000409				872								
			510			400	3502	278		000411				884								
			STO			391	3501	276		000416				897								
	134	4	085	1425		389	35009	278						901								
			STE			383	3500	278	3 3	000422	4		14	911								
			510	1750	0	366	3499	278	3 3	000428	3		14	946								
	134	4	085	T1927	0	357	34981	278	3 4				14	972								

Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

						-)1-14														
REFERENCE	SHIP	LATITU	ns 10	NGITUDE 3	MARSOEN	STATION T	IME YEA			GINATO		OEPIN TO	MAZ. DEPTH	OBSE	WAVE RVATIONS	WEATHER	CLOUD		1	NOOC IATION]
C008 NO.	CODE	-	1/18	NGITUDE 3	10" 1"	MQ CAY		` c	NO.	NUM		BOTTOM	OF S'MPL'S	014.	H G 7 FEB 31	COOE	11P1 A M		N	U M B ER	
311479	YA	3946	N 06	354 W	115 93	04 21 I	155 196	9 . ARO-	A57 C	12 TEMP. 1		4755 NO.	15 SPEC		7 3	×1	8 5	1	1	0012	1
					CDDE	TRANS DIR.	16410 W	ETER	DIS		T CODE	OBS. DEPTHS	OBSERVA	ATIONS							
				,		02		0.6	078	3 04	_	15									
	MPSSENGE TIMP (CAST NO.	C AND TYPE	GEPTH Imi	7.7	s ./	SIGMA-	1 1	MCIFIC V	OLUM1	∑ ∆ 0 DYN. M ± 10 ³	VELC		02 =1/1	PO ₈ =P #2 = 87/1	107AL-9 48 - 01/9	NO2-N pg-at/1	NO3-N va - el/1	\$1 O ₀ - \$1 yg - e1/1	pH	200
	HR 1/10	-				1	1	+													+
	155		STD OBS	0000		3557 35566															
	155		STD OBS	0010	1448	3\$57 35565	2654 2654		00150	75		150									
	123		STD	0020	1448	3556	2654		00151			150	168								
	155		STD OBS	0030 0032	1448	3556 35562	2654 2654					150	169								
	155		5T0 0B5	0050	1442	3555 35552	2654 2654		00151	165		150 150	70								
	155		OBS STD	0073	1200 1199	35269 3528	2682 2683		00125	504		149									
	155		085 5TD	0095	1189 1189	35346 3535	2690 2690		00118			149	991								
			STD	0125	1190	3539	2693		00116			14	997								
	155		OB5 STD	T0140 0150	1190 1196	35415 3545	2695 2696		00113	392		150	004								
	155		OB5 STD	0189 0200	1197 1190	35514 3550	2701 2701		00110	343		150	310								
	155		085 STD	T0234 0250	1153 1125	35440 3541	2704 2707		00106	543		150									
	155		OBS STD	T0280	1070	35345 3530	2712 2717		00097			14	979								
	155		STD OBS	0400	0802	3510 35020	2737		00079			141	397								
	155		5T0	0461	0646	3501	2752		00064			148	852								
	155		STD OBS	0600 0656	0541 0499	3499 34981	2764 2768		00053			14	818								
			STD STD	0700 0800	0486 0459	3500 3502	2771 2776		0004			14	820 826								
	155	•	0BS 5TD	T0846 0900	0448	35024 3501	2777 2777		00042	294		14	829 834								
			STD	1000	0423	3500 3499	2778 2779		0004	270		141									
	155		OBS	T1135	0405	34984	2779					141	858								
			STD	1200	0388	3498 3498	2779 2780		00042				879								
			STC	1400	0381 0375	3497 3497	2780 2781		0004	324		144	907								
	155	•	STC	1400	0381	3497	2780		00043	324		14	907								
REPERENCE	155		STC STO OBS	1400 1500 T1533	0381 0375 0374	3497 3497 34965	2780 2781 2781		00043 00043	324 362 SHATOR		144 144 144	907		VA VE	wea-	Crono			000	
-		LATITUO	STC STO OBS	1400 1500 11533	0381 0375 0374	3497 3497	2780 2781 2781		0004	324 362	N .	149	907 912		VA VE IVA TIONS	THER	CLOUG COUIS		ST NI	IODC ATION JAMES	
CTBY ID.	SHIP		STC STO OBS	1400 1500 T1533	0381 0375 0374	3497 3497 34965 STATION TI. IGMT: MO DAT HI	2780 2781 2781 2781	9 4	0004 0004 0004	324 362 SINATOR	N U	144 144 144 100 0110M	MAX. OEPTH OF S'MPL'S	04	G: PIP SI	THER	COOLS		N	OOC ATION JAMES DO 1 3	
CODE NO.	SHIP	LATITUO	STC STO OBS	1400 1500 T1533	0381 0375 0374 MARSOEN SQUARE	3497 3497 34965 STATION TI. IGMT: MO DAT HI	2780 2781 2781 2781 79 196 ING SPIED MA	c	0004 0004 0004	324 362 SINATOR STATIO NUMB	N I	144 144 144 100 0110M	MAX. OEPTH OF S'MPL'S	04	G! 91# \$1/	CODE	TIPE AMI		N	JAN BER	
CTST ID. COOR NO. 311479	SHIP COOE	ытпис 3957	STC STO OBS	1400 1500 T1533	0381 0375 0374 MARSON SOUARE 10° 1' 115 94	3497 3497 34965 STATION TI. (GMT) MO DAT HI 04 21 1 ER W	2780 2781 2781 2781 79 196 INO 14 SHID OIL MI 50ECE W	GI GI	ORIG RUISE NO.	BINATOR STATIO NUMB	VIS CODE 0	144 144 144 144 00110M	MAX. OEPTH OF S'MPL'S	04	G! 91# \$1/	CODE	TIPE AMI		N	JAN BER	
CTST ID. COOR NO. 311479	SHIP COOE	ытпис 3957	STC STO OBS	1400 1500 T1533	0381 0375 0374 MARSON SOUARE 10° 1' 115 94	3497 3497 34965 STATION TI. (GMT) MO DAT HI 04 21 1 ER W	2780 2781 2781 2781 79 196 INO 14 SHID OIL MI 50ECE W	9 A ABO- ETER abel 09	ONG RUSSE NO. A 5 7 0 A 18 ORT BUCS	STATION WE WE OUT ON THE STATION OF	VIS CODE:	DEPTH TO OUTTOM	MAX. OEPTH OF S'MPL'S	04	G! 91# \$1/	CODE	TIPE AMI		N	JAN BER	\$ CC
CTEV ID. CODE NO. 311479	SHIP	ытпис 3957	STC STO OBS	1400 1500 T1533 IGITUDE 500 17/10	0381 0375 0374 MARSDEN SOUARE 10° 1' 115 94 1' COLOS CODE	3497 3497 34965 STATION THE GENT! MO DAT HI 04 21 1 ER W TEANS. DIR.	2780 2781 2781 2781 79 196 1NG 14 50FLD 01 90FLD 01 50FLD 01 50FLD 01 50FLD 01 50FLD 01 50FLD 01	9 A ABO- ETER abel 09	ORIGENISE NO. ALE ORY BULLS OF 1	STATION WE WE OUT ON THE STATION OF	VIS CODE 0	141 141 141 160 160 160 160 160 160 160 160 160 16	MAX. OEPTH OF S'MPL'S	DR H	PO4-P	THER CODE	8 2		SI O ₀ =S:	0013	S C C
CTEV ID. CODE NO. 311479	SHIP COOE	ытпис 3957	STC STO OBS	1400 1500 T1533 IGITUDE 500 17/10	0381 0375 0374 MARSDEN SOUARE 10° 1' 115 94 1' COLOS CODE	3497 3497 34965 STATION THE GENT! MO DAT HI 04 21 1 ER W TEANS. DIR.	2780 2781 2781 2781 79 196 1NG 14 50FLD 01 90FLD 01 50FLD 01 50FLD 01 50FLD 01 50FLD 01 50FLD 01	9 A ABO- ETER abel 09	ORIGENISE NO. ALE ORY BULLS OR THE BULLS OR THE BULLS OF THE BULLS OF THE BULLS OR THE BULLS OF	STATION WE WE OUT ON THE STATION OF	VIS CODE:	141 141 141 160 160 160 160 160 160 160 160 160 16	MAX. OEPTH OF S'MPL'S	DR H	PO4-P	THER CODE	8 2		SI O ₀ =S:	0013	\$ C C
CTEV ID. CODE NO. 311479	SHIP CODE YA 3	ытпис 3957	STD OBS DE LON 1/10 N O6- CARO TYPE STD OBS OBS	1400 1500 T1533 IGITUDE 1715 1710 405 W	0381 0375 03774 WARDONA 100 11 115 94 115	3497 34965 STATION TI. (GMT) MO DAT MO 04 27 1 1 14	2780 2781 2781 2781 TEAP TEAP TOTAL	9 AND- ETER nbel 09	ONIG	324 362 STATIONUMB 13 TEMP. YOU WE BUL 03	VIS CODE:	144 144 144 160 160 170 170 170 170 170 170 170 170 170 17	MAX. OFFTH OF SIMPLS 10 SPECIOUSSERVA	DR H	PO4-P	THER CODE	8 2		SI O ₀ =S:	0013	\$ C C
CTEV ID. CODE NO. 311479	SHIP COOE YA 3 MISSINGS TIME OF TIME	ытпис 3957	STD OBS CARD TYPE STD OBS STD OBS STD OBS STD OBS	1400 1500 11533 16ITUOE	0381 0375 0375 0374 wations 10° 1° 115 94 Colos Coot	3497 34965 STATION TI. (GMT) MO DAT 1 1 1 1 1 1 1 1 1	2780 2781 2781 2781 TEAP 179 196 180 191	9 ANDO-	ORIGENISE NO. ALE ORY BULLS OR THE BULLS OR THE BULLS OF THE BULLS OF THE BULLS OR THE BULLS OF	324 362 STATION NUMB 13 TEMP. WE BUL 03 RUME -STE?	VIS CODE:	144 144 144 144 144 144 144 150 150 151 151 151	MAX. OFFITH OF STAPPUS 10 SPECIOUS SPECIAL OBSERVA	DR H	PO4-P	THER CODE	8 2		SI O ₀ =S:	0013	\$-C-C
CTEV ID. CODE NO. 311479	SHIP COOE YA 3	ытпис 3957	STD OBS CARD TYPE STD OBS CARD TYPE STD OBS OBS STD OBS STD OBS STD OBS	1400 1500 11533 (IGITUOE 105 W 1276 1276 W 1276 0000 0000 0000 0000 0000 0000 0000 0	0381 0375 0376 0376 0376 10° 12 115 9 12 10° 12 115 9 12 0006 0006 0006 0006 0006 0006 0006 00	3497 34965 STATION TI. (GMT) MO DAT MO 04 21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2780 2781 2781 2781 79 196 1NO 197 1970NC1 MM 521 2 31GMA-7	9 ANDO	ORG ORG ORG ORG ORG ORG ORG ORG ORG ORG	INATOR STATICON NUMBER OF STATIC	VIS CODE:	144 144 144 160 100 100 100 100 100 100 100 100 100	MAX. OFFITH OF STANDLES 10 SPECIEVA SPECIEVA 85 87 87 87	DR H	PO4-P	THER CODE	8 2		SI O ₀ =S:	0013	\$-C-C
CTEV ID. CODE NO. 311479	SHIP COOE YA 3 MISSINGS TIME OF TIME	ытпис 3957	STD OBS CARD TYPE STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS	1400 1500 11533 (GITUOT 1533 405 W 2405 0000 0000 0000 0000 0009 0010 0020 0020	0381 0375 0376 0376 0376 0004 10° 1' 1159 0004 0005 0006 0006 0006 0006 0006 0006	3497 34965 STATION II. (GMT) MO DAT HI 04 1 1 1 18 04 5 %. 3633 36327 36343 3635 3635 3635 3635 3635 3635 3635 3635	2780 2781 2781 2781 2781 79 196 1900 1900 1900 1900 1900 1900 1900 1	9 A BIO- EFFR nbel	ORIGINAL ORI	3324 3362 31AIIGIANUMB 13 16MP. Y. WEE 10U 03 31UMP. 21127	VIS CODE:	144 144 144 160 1100 1100 100 100 100 100 100 100 1	907 912 MAR. OBETH OF SYMPLS 10 SYMP	DR H	PO4-P	THER CODE	8 2		SI O ₀ =S:	0013	3000
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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

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REFERENCE	SHIP			25	MARS	DEN	STATI	ON II	ME	YEAR		INATO		OE	CH O	AAX. EPTH	0#5	WAVE ERVATIONS	WEA-	COOES			NODC	
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			510	0020		852	363		261		00184				1519	9								
			510	0030		853	363		261		00184	39			1520									
	203		OBS	0044		855	363		262						1520									
			510	0050		936	363		262		00181	96			1520									
	207		OBS	0065		768	362		263						1518 1518									
			510	0075		756	363		264		00163	93			1517									
	203	i	085	0085		721	362		265		00150	125			1515									
			510	0100		655 555	360		266		00142				1512									
	203		STD	0128		544	360		266		001.4				1512									
	203	,	STO	0150		483	358		267		00139	95			1510									
	203	1	085	0170		411	351		261						1508	3								
			510	0200	1	255	359	6	269	3	00118	324			1503									
	203	3	OBS	T0211	1	213	355		269						1502									
			STO	0250		135	354		270		00106	503			1499									
	203	}	OBS	0253		129	354		270						1499									
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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

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REFERENCE	SHIP	LATITUDE	LONGITUDE	SOUARE	STATION TIME	YEAR	ORIGINATO		DEPTH	DEPTH	081	WAVE LERVATIONS	THER	CLOUD		- 1	NODE	
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	229				36392	2/2/	0017730		151	0.5								
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		S1 51		1839		2626	0017815		151									
	229			1839		2626	0011015		151									
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	-	51		1484	3594	2675	0013278		150	193								
	229			1467	35922	2677			150	87								
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		51		1242	3558	2698	0011298		150									
	229			1225		2699	0010443		150									
		51		1134		2707	0010462		149									
	229	085		1124		2708 2721	0009268		149									
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	229			0947		2724			149	938								
		51		0740	3510	2746	0006986		148	373								
		51		0563	3501	2763	0005386		148	818								
	229			0549	35004	2764			148									
		51		0519	3499	2767	0005102		148									
		51		0490		2770	0004857		148	321								
	229				34982		2021705		2.4.6							*		
		51		0464	3498	2772	0004705		148									
		ST		0441	3498	2775	0004525		148									
		51		0422	3498	2777	0004398		140	947								
	229	085 ST		0416 0406	3498	2779	0004295		148	353								
		ST		0394	3498	2780	0004238		148									
		S1		0384		2781	0004201		148									
		ST		0378	3498	2782	0004212		148									
		51		0376	3498	2782	06 4280		149									
	229			0376	34980	2782			149	919								
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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE	9IH2	LATITUDE	LO	NGITUDE	DCT8	MAR	SOEN	STATION	TIME	YEA	R	ORIGINA CRUISE S	ATOR'		OEPTH TO	OEPTI OF		WAVE ENVATIONS	WEATHER	COOES		51	NOOC
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								1	6 50	5 :	214	055	03	4 7	14								
	F					T		1	1		Ť		1	₹ Δ o	1			T	T	1 .			1
	MESSENGE TIME I	LCAST C	TPE	QEPTH !	(m)	1	°C	5 %	· 51	GMA-	1	ANOMALT-11		OYN, M	YOU	CITY DCITY	O2 m1/1	FO4=F HE - 01/I	101AL=P	NO3-N	NO3-N VQ - 01/I	1/10 - Bri	рН
	HR 1/10					_					4			x 103	-			7.			PQ - U.I.	7.	-
		,																1					1
			STD	0000	0	1	220	3531	2	681		001249	8	0000	14								
	035	01	35	0000	0	1	220	3530	7 2	681					14								
	035	01	35	0000	9		229	3532		660					14								
			510	0010)	1	232	3533		680		001257		0013	14								
			STD	0020			256	3540		681		001253	7	0025									
	035			0029			270	3545		683						900							
			510	0030			270	3546		683		001239	5	0038	150								
	035	01	3.5	0041			277	3556		689						016							
			510	0050			279	3557		689		001180	6	0062									
	035		35	007			299	3565		692						328							
			510	007			305	3566		691		001171	4	0091	150								
	035		3.5	009			324	3571		691			_	- 1 - 0	150								
			510	0100			320	3571		692		001170		0120									
			STD	012			300	3567		693		001168	2	0150									
	035		35	TO14:			267	3565		694		001157		0179		036							
			STD	0150			282	3565		695		001156	4	0119									
	035		B 5	019			254	3561		698				0337		332							
			ST0	0200		1	200	3549		699		001130	1	0236	15	014							
	035		35	024			0			7 7 7		202506		0487	1.6	896							
			STD	0250		_	866	3505		723		000696	0	0201		822							
	035		35	029			656	3508		757		000573	1	0323									
			STD	0300			650	3508		757 763		000572		0378		809							
	0.25		510 85	0400			579 526	3501		768		000000	7	0210		802							
	0 3 5		55 5T0	050			524	3501		768		000489	4	0429		802							
			STD	060			500	3499		769		000486		0477		809							
			STD	070			478	3498		771		000478		0526		816							
	0.26		B5	073		0	- 10	3497				000470	-										
	035		5TO	080		0	459	3497		772		000473	1	0573	14	825							
			STD	090			442	3497		774		000462		0620		835							
	035		B 5	1099			427	3496		775		000-02	,	2000		844							
	033		STD	100			426	3497		776		000453	6	0666		845							
			STO	110			413	3497		777		000447		0711		856							
			5 T D	120			402	3497		778		000444	-	0756		868							
			STD	130			393	3497		779		000443		0800		861							
			STO	140			386	3496		779		000444		0844		895							
			STO	150			381	3496		780		000447		0889	14	909							
	0.35		B.5	T150			361	3496		780					14	909							

Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE	SHIP	LATITUDE	100	GITUDE 100	AUGS AUGS		STATION T	IME TEAR	ORIGIN		DEPTH DEPT	IH DE	WAVE SERVATIONS	WEA-	CLOUD			NODC	
CODE NO.	CODE	1/10		GITUDE TOOM			NO I DAT IN			TATION	IDTTDM 5 MP		HGT PIRE SIA	2000	TYPE AM	,		HOITAT	
222.70	1					-			1.53 01	,			1 2					0017	
311479	IYAI	4128 N	1063	11 W	151	15 C		062 1969	A 10 15 a		2670 1	5 30	17 12 1	×1	6 3	1		0017	
					-	OLDA		SPEED ME	10-	WET COD	DBS. Dece	PECIAL EVATIONS							
						DDE	IMI DIR	forct (m)		BULB	DEPTHS OFFE	1 A W 11 CH 2							
							30	504 20	9 036	020 7	14								
	MESSENGS				Т—,				T '	W Z D									13
	TIME	M NO. 51	IPE I	DEPTH (m)	7	℃	5 %.	SIGMA-T	ANOMALT-ET			O2 ml/l	POamP Up < 81/1	107AL-F ug = 01/1	NO7-N ug - al/l	NO3-N ug - m/l	51 Da - 51 ug = e1/1	911	ć
	HR 1/10		!		-					1 10*	-	-			-	-			47
		1 1			l			1		. 1	1								11
			TO	0000	0.5		3264	2577	002230	7 0000	14699								
	062			0000	0.5		32642	2577			14699								
			TD	0010	0.5		3333	2633	001705	7 0020	14706								
	062			0010	0.5														
			TD	0020	07		3384	2641	001627		14810								
			TO	0030	09		3419	2647	001576	0052	14869								
	062			0030	09		34185	2647			14869								
			TD	0050	0.8		3436	2664	001414	2 0082	14865								
	062			0050	8.0		34358	2664			14865								
	062			0074	11		35285	2686	000 315	0115	14984								
	012		TD	0075	11		3529	2686	001215	0115	14985								
	062		10	0099	12		35391 3539	2688 2688	001209	0145	15002 15002								
			T D	0100	12		3546	2691	001209		15011								
	062			T0148	12		35512	2693	001100	1 0115	15018								
	002		TD.	0150	12		3553	2693	0011684	0205									
	062	-		0198	12		35563	2692	001100	. 0500	15035								
	300		TD	0200	12		3553	2693	001181	0264									
	062			0247			34995												
			TO	0250	0.8	30	3499	2723	000899	7 0316	14885								
	062			0296	0.5		34969	2759			14787								
			TO	0300	0.5	67	3497	2759	0005475	0352	14786								
			TO	0400	05		3496	2763	0005209		14787								
	062	QB		0492	04		34949	2766			14790								
			TD	0500	04		3495	2766	000500	0456	14791								
		5	TO	0600	04	79	3495	2768	0004905	0506	14800								
		S	ΤO	0700	04	64	3495	2770	000483	0555	14810								
	062	OB	5	0740			34951												
		5	T O	0800	04	49	3495	2772	000474	9 0602	14821								
		5	T D	0900	04	36	3495	2773	000469	0650	14832								
	062	OB	5	0987	04														
			TO	1000	04		3495	2774	000463		14843								
			TD	1100	04		3495	2775	000460		14856								
			TO	1200	04		3495	2777	000456		14868								
			TO	1300	03		3495	2778	000454		14881								
			ΤD	1400	03		3495	2778	0004541	0879	14895								
	062	ОВ	5	11485	03	82	34952	2779			14907								

REFERENCE	SHIP			LE MAI	RSDEN	STATION TI		DRIGINATO	ers	DEPTH	MAX, DEPIH	WAVE	WEA				ODC
CODE NO.	CODE	LATITUDE		중요!	UARE	IGM71	TEAR	CRUISE STAT		#DTTDM	DF	SERVA TIONS	CDDE	CODES			ATION
CODE NO.	+	1/10	1/10	10"	1,	MD DAY HI	L1/10	HD. NUA	UBER		S'MPL'S DIL	HGT FER SI		TYPL AM	1		-
31147	9 YA I	4200 N	06535 W	151			83 1969	A57 018		0695	03 00	0 0	X1	6 1	1	0	0018
					WA1	ER W	IND BAR		- VIS	NO.	SPECIAL						
					COLOR	TEANS DIR	OR (ME		ET COL	DBS.	OBSERVATION:	5					
					-	00	500 21		26 8	10		-					
						00	300 21	2 043 0		_		1				; T	
	MESSENG		ND DEPTH	(m)	7.7	5 %.	SIGMA-T	SPECIFIC VOLUME ANOMALT-1187	DYN. A		DO MI	/I PO4-P	TOTAL-P		ND3-N	51 O 4 - 51	PH C
	HR 3710		71					ANOW MET - 21g	z 10 ³	AFEC	30114	μg = 01/}	×2 - 01/1	μg - al/l	µg ~ 07/1	µg - a1/1	c
		1 1				ł											
		5	TD 000	0		3329											
	083	3 OB	5 0000	0		33294											
			10 001		1697	3338	2617	0018562			770						
	0.8				697	33380	2617				770						
			10 002		708	3346	2622	0018122			777						
			TD 003		747	3368	2634	0017016			796						
	0.81				752	33714	2636				799						
			TO 005		911	3459	2680	0012669			874						
	083				921	34627	2681				878						
			TD 007		1205	3542	2692	0011586			994						
	0.8				1211	35439	2693				996						
			TO 010		1219	3548	2694	0011500			003						
	0.8				1219	35476	2694				004						
			10 012		1200	3547	2697	0011296			001						
			TO 015		181	3545	2700	0011087			998						
	0.8				1179	35452	2700				998						
		_	TD 020		934	3513	2718	0009344			914						
	0.8				922	35117	2719				910						
			10 025		861	3501	2721	0009180		14	893						
	0.8					35009											
			TO 030		796	3500	2730	0008363			877						
	0.8	3 08	S T030	5 (789	35000	2731			14	875						

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.

		_									, 1 0													
CTOT ID.	SHIP	LATITI	IDE	LONGITUDE SX	MAR	SDEN	STA	TIDN T	IM.E	YEAR			ATOPS		DEPTH	MA		WAVE	WEA-	Crond	Τ		NODE	
CODE NO.	CDDE	•	1/10	LDNGITUDE TO	10*		MO		18.1/10	TEAR	CRUISE NO.	51 N	TATION		TO BOTTOM	DF S'M FI		(RVATIONS	THER	CDDES			NODC TATION TUMBER	
318006	EV	3155			115	15				10/7	1					3 - 1		HGT FER SE	`	TYPE A SAT	-			
. 310000		2122) N N	20223 WI I	110		TER	- 1	VIND	1967	1	023 R TEM			4480	_	09	1 3	X O	0 3	1		0023	
						COLDI	18ANS	DIA.	SPLEC	BAR			WEI	VIS.	ND. DBS.	51	PECIAL EVATIONS							
						CDDE	(m)	DIAL	FORC				BULB	CODI	DEPTHS	DIIZEI	VATIONS							
						OT	SD	09	504	30	1 21	1	194	8	31									
	MESSENGE	CAST	CARD	DEPTH but	,	°C	Τ.	٠/	Ι		SPECIFIC	VOLUM	A	△ D N. M	500	IND		100 0					1	П
	NR 1/10	NO.	TYPE	50,111,011	Ι΄		'		SIG	MA-T	SPECIFIC	LY-810	, D	(N. M t 10 ³	VELO		0.3 mi/I	PO4=P ug = 41/1	101A L-P	ND2-N ME - 01/1	NO3=N #8 - #1/I	\$1 Da-51	pH	č
							_						_					-		-	-		-	H
			510	0000	20	19	36	5 3	25	89	0021	173		000	152	44	I	1 1		- [Н
	017		085	0000		19		28	25						152									
			STO			19	36		25		0021	211	. 00	21	152									
			085	0010		19		28	25			_			152									
	003		085	0020		119	36!		25 25		0021	248	0.0	142	152									
	000		STE			119	365		25.		0021	205	0.0	162	152									
			085	0030		19	365		25		0021	200	00	63	152 152									
			STE	0050	20	19	365		25		0021	360	0.1	06	152									
			085	0050	20	19	365	28	25	89					152									
			510			19	365		25		0021	452	01	59	152	57								
			085 5T0	0075		19	365		258		0000				152									
			085	0100		19	365		251		0021	245	04	13	152									
			STD			119	365		25		0021	231	0.2	67	152 152									
			085	0125		19	365		259		0021	- 71	0.2	0 7	152									
			085	0138	20	19	366		25						152									
			STD			60	366		26		00194	495	0.3	18	152									
			085	0150		60	366		26						152									
			STD	0200		71	366 365		263		0017	711	04	11	152									
			STD	0250		39	365		263		00172	266	04	98	152									
			085	0250		39	365		264		00172	222	04	90	152 152									
			STO	0300	18	09	365		264		00168	339	05	83	152									
			085	0300		09	365		264	6					152	35								
			SID	0400		53	364		265		00169	575	07	50	152									
			OBS STO	0400		53	364		265				- 0		152									
			085	0500		18 18	363 363		265		00166	50	09	16	152									
			STD	0600		10	360		267		00148	330	10	74	152									
			085	0600	15		360		267		001.0			, -	151									
			510	0700	13		356	4	269	0	00135	553	14	16	151									
			085	0700	13		356		269						151	33								
			5TD 085	0800	10		352		269		00126	24	13	47	150									
			510	0900	10		352 351		269		00093	26	1 /-	E /	1500									
			085	0900	08		351		273		00093	, 30	14	20	1500									
			STD	1000	07	10	351	0	275	0	00075	22	15	4]	1496									
			085	1000	07		350		275	0					1496	61								
			ST0 085	1100	06		351		276	5	00061	03	16	09	1494									
			STD	1200	06 05		351 350		276		00055	7.7	1.4	, 7	1494									
			085	1200	05		350		277		00005	11	16	0/	1491									
			STO	1300	05		350		277		00051	58	17.	21	1493									
			085	1300	05		350		277					- 4	1492									
			STD	1400	04		350		277		00047	87	17	71	1492									
	040		085	1400	041		350		277						1492									
	040		OBS STD	1493 1500	04		350		277		000/-	3.0	1.0	1.0	1493									
			085	1500	04		350		278 278		00046	20	18	1 8	1493									
			STO	1750	041		350.		278		00046	34	19:	3 3	1493									
	040		085	1990	03		349		278			- 1	4.		1499									
			STD	2000	03		349		278	3 (00046	14	204	9	1499									
	040		085	T2492	03		349		278						1505	55								
	040		510 085	2500 2988	037		349		278		00044	78	22.	76	1505									
	040		510	3000	02		349		278 278		00042	5.2	249	0.5	1511									
	040		OBS	T3494	02		349		278		00042	10	244	7 7	1512									
	040		085	T3996	02		348		278						1527									
																ada.								

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	T 1						_									I MA									_
CTOY ID.	SHIP	LATITU	DE	LONGITUDE	DELFS 40CTs	MARSDEH	1	STATION	TIME	YEAR	CRI	UISE S	TATIO	4	DEPT	H DEP	TH	DOSE	NA VE RVA TIONS	WEA-	CLOUD			HODE	
CODE HO.	CODE	•	1/10	1/10	3 3	10" 1	•	MO DAY	HIL 1710		P	NO.	UMB		60110	M S'MI	ניג ס	il. H	GT PET 38 A	CODE	TPP A WIT			HUMBER	
318006	EV	3155	N O	6630 w	1	15 10	5 1	01 24	115	11967	A	6.3 02	4		539	5	1	5	3 4	X1	0 3			0024	
							WAT	-	WIND	BAI		AIR TEA	_	7,5	HO.		PECIAL								
						501	DE I	TRANS DI	SMI 01			DRT	WET	000	DEPTH		DITAVE	NS							
						D.		50 08			1	206	172	8	24	_		\dashv							
	MISSINGS						_	30 100	130.	- - /	Ť				1		_	_							
	MISSING	H NO.	CARD TYPE	DEPTH 6	n j	L C		s */	Ste	1-AM	SPE	HOMALT-ET	ME I	E △ D YH. M I 10 ³	, A	DUND	02	m1/1	PO4=P 29 1 01/1	701A L-F	NO2-H vg - el/I	ND3-N	SI D4-5	PH 1	ç
	HR 1/10		-	_	-			-	_		+		+	1 (0	+		+	-	-	-					-
	1	1	SID	0000	, '	1985		3652	1 21	98	1	02033	1 (0000	1,	5235	1	- 1			- 1			_	- 11
	115		085	0000		1985		36525		98		02000	• '	,,,,,		5235									
			STD	0010		1983	3	3653	2 !	99	00	02029	5 (020	15	5236									
			085	0010		198		36529		99						5236									
	003		5TD 085	0020		1983		3653 36527		99	0 (02034	1 (1040		5238									
	003		510	0030		1983		3652		99	0.0	020396	5 (061		5238 5240									
			085	0030		1983		36525		99		02007	•			5240									
			STD	0050		1983	3	3652		99	00	02047	9 (101	15	5243									
			085	0050		1983		36523		99	_					5243									
			5T0 085	0075		1983		3652 36525		99	00	020562	2 (153		5247									
			STD	0100		1983		3652		99	0.0	02066	3 (204		5247 5251									
			085	0100		1983		36524		99						5251									
			STD	0125		1983	}	3653		99	0.0	020718	3 0	256	15	5255									
			085	0125		1983		36528		99						5255									
			STO	0150		1982		3656		02	00	02055	7 C	308		5259									
			510	0150		1982		36560 3661		31	0.0	017923	3 0	404		5259 5241									
			085	0200		1885		36615		31	-	01.72.				5241									
			STD	0250		1823	3	3658		45	00	016816	5 0	491		5232									
			085	0250		1823		36585	26	45					1:	5232									
			STO	0300		1802		3658		49	0 (01652	1 0	574		5234									
			085 510	0300		1802		36579 3649		53	0.0	01650	7 (739		5234 5237									
			085	0400		1760		36490		53	0 (01000	, (127		5237									
			STD	0500		1710		3641		59	00	01626	7 0	903		5238									
			085	0500		1710		36406	26	59					15	5238									
			STD	0600		1585		3613		67	00	015726) 1	063		5213									
			085	0600		1585		36128 3576		84	0.0	016166	, ,	212		5213									
			STD OB5	0700		1377		35763		84	00	014140	, 1	- 12		5159									
			STD	0800		1143		3546		07	0.0	011909	5 1	342		5092									
			085	0800		1143		35463	27	07						5092									
			510	0900		0918		3523		29	00	009748	3 1	451		5025									
			085	0900		0918		35232		29	^	00700	, ,	539		5025									
			510 085	1000		0747		3511 35115		46	0(007983	, 1	234		4975									
			5TD	1100		0598		3508		64	00	006150)]	610		4933									
			085	1100		0598	3	35080	27	64					14	4933									
			STD	1200		0542		3510		72	00	005355	5]	668		4927									
			085	1200		0542		35097		72				7.0.0		4927									
			5TD 085	1300 1300		0515		3510 35100		76	0(005070	1	720		4933									
			STD	1400		0488		3509		79	0.0	004844	. 1	769		4938									
			085	1400		0488		35095		79						4938									
			STD	1500		0470)	3510		81	00	004654	1	817		4948									
			085	1500		0470)	35101	27	81					14	4948									

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE		_ =	MARSDEH	STATION TI	MF	DRIGINA	ATOR'S	DEPTH	MAX,	WAVE	WEA-	CLOUD		NI NI	DDC
		NGITUDE BO	SDUARE	MD I DAY IN	YEAR		TATION	TO BDTTDM	DE S'MPL'S DIE	SERVATIONS	THER	TTPL AMT		STA	MOER
	1/10							5030	0.8	3 2	×2	0 3		0	025
318006 EV 31	55 N 06	746 WI I	115 17 WAT	01 24 1 ER w	77 1967	210 754		NO.	SPECIAL]	1 ^4	. 0.3	,	, ,	0221
			CDLOR	JEANS DIR.	SPEED MET	TER DRY	WET COD	OBS. DEFTHS	OBSERVATIONS						
			ОТ	50 09	505 30	1 261	172 7	24							
MESSENGE CA	ST CARD		T .			SMCINC AOPR	ME & A D	SDU	ND	PO4-P	TOTAL-P	NO3-N	NO3-N	5104-51	1
MESSENGE CA	O. TYPE	DEPTH (m)	7 70	s */	SIGMA-1	AHOMA(E-E1	2 DYN N	, AFFO	CITY Dami/	yg = 01/1	#2 × €1/1	µQ = 81/1	yg = et/l	ug = e1/1	pH C
	510	0000	2038	3655	2586	002149	1 0000								
177	085 510	0000	2038 2035	36551 3654	2586 2586	002149	2 0021	152 152							
	085	0010	2035	36545	2586	002147	2 0022	152							
	5TD	0020	2017	3652	2590	002122	1 0042								
003	085	0020	2017	36525	2590	000124	00//	152							
	510 085	0030	2012	3652 36522	2591 2591	002114	9 0064	152 152							
	510	0050	2009	3652	2591	002117	8 0106								
	085	0050	2009	36518	2591			152							
	510	0075	2004	3652	2592	002115	2 0159	9 152 152							
	085 STD	0075	2004	36516 3652	2592 2593	002117	2 0212								
	085	0100	2001	36516	2593	002111		152							
	STD	0125	2002	3654	2595	002111	9 0265								
	085	0125	2002	36540	2595			152							
	5 T D O B S	0150 0150	1954 1954	3661 36612	2613 2613	001947	5 0319	152							
	510	0200	1854	3658	2636	001740	9 0408								
	085	0200	1854	36582	2636			152							
	5 TD	0250	1822	3656	2643	001695	1 0493								
	085 510	0250 0300	1822 1806	36563 3656	2643 2647	001676	6 0578	152 3 152							
	085	0300	1806	36559	2647	001070	0 0-10	152							
	STD	0400	1767	3647	2650	001681	7 0746								
	085	0400	1767	36470	2650	003443	6 0912	152							
	5TD 0BS	0500 0500	1705	3637 36369	2657 2657	001641	0 0912	2 152 152							
	510	0600	1565	3606	2666	001575	1 1073								
	OBS	0600	1565	36062	2666			152							
	STD	0700	1360	3570	2683	001421	8 1222	2 151 151							
	085 510	0700 0800	1360 1149	35703 3541	2683 2702	001240	5 1356								
	OBS	0800	1149	35411	2702	30,2.0		150	94						
	STD	0900	0912	3519	2727	000991	5 1467								
	OBS	0900	0912	35195	2727	000710	4 1555	150 5 149							
	5TD 085	1000	0715 0715	3509 35088	2749 2749	000768	4 1253	149							
	510	1100	0593	3507	2764	000614	7 1624								
	085	1100	0593	35070	2764			149							
	STO	1200	0522	3504	2770	000550	3 168	3 14°							
	085 STD	1200	0522	35039 3504	2770 2776	000497	4 1735								
	085	1300	0474	35036	2776	300.71		14	915						
	510	1400	0449	3504	2778	000472	7 1783								
	085	1400	0449	35038	2778	000/51	0 1839		922						
	51D 085	1500 1500	0430	3504 35038	2781 2781	000456	8 1839		931						
	003	1000	0430	32030	2.01				,						

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	SNIP	LATITU	105	LONGITUDE	MARSOEN SQUARE	STATION TO		YEAR	-	RIGINA			OEPTH	DEPTI		WAVE SERVATIONS	WEA-	CLOUD			HODC	
CODE HO.	COOE		1/10	LONGITUDE BE		MO DAY HE		16.48	NO.		HOITAT		TO BOTTOM	S'MPL		THOT DEED SE	THER	CODES			NUMBER	
210001	E.,	2167												7					1			
318006	IEV	3157	N I	06858 W I	115 18		18 1:	967	[A63]	OZ6		Н	5212	⊥_	09	1 2	×1	1013	1	- 1	0026	
					COLC	- 1	SPEED	MARC	<i>-</i>	nev I	WET	VIS	NO. 085.	SPI	CIAL VARONS							
					COD		FORCE	(mbs		JLII	BULB	CODI	OBS. OEPTHS	OR25K.	VARONS							
					DT	50 08	508	295	5 20	20	183	7	24									
	MESSENGE	CALL	CARD			1					-	_	1								_	Τ.
	11000	V NO.	TIPE	DEFTH Imi	1 5	5 %.	SIG M	T-A	SPECIFIC	VOLUA 11.7-118		∆ 0 10 ³		DCITY	O 2 ml/l	PO4-P ## - #1/1	10 TA L -P	NO2-N ug - a1/1	NO3-N	\$1 O4-\$		č
	HR 1/10	+	-			+		-			- 1	10-				11.		pg - diy	µg = q1/1	00.00	-	1
	1	1	510	0000	2025	2452	350	ا ر	000				1,57							ļ		11
	018		0B5	0000	2035	3653 36531	258		0021	1004	. 00	00	152									
	010		510		2035	3653	258		0021	1501	0.0	21	152									
			085	0010	2035	36531	258		0021			~ 1	152									
			STO		2035	3651	258		0021	783	0.0	43	152									
	003		085	0020	2035	36510	258	4					152									
			510		2035	3652	258		0021	1748	0.0	65	152	54								
			085	0030	2035	36520	256						152									
			510		2021	3656	259		0021	188	01	80	152									
			0B5	0050	2021	36559 3654	2591 2591		0001		0.1		152									
			085	0075	2018	36539	259		0021	. 344	01	61	152									
			STD		2000	3656	259		0020	810	02	1 2	152									
			085	0100	2000	36561	259		0020	017	Ú.	1)	152									
			STO		1971	3661	2608		0019	821	0.2	64	152									
			085	0125	1971	36611	2608						152									
			STO		1900	3662	2628	3	0018	082	03	12	152	37								
			OBS	0150	1900	36620	2628						152	37								
			STO		1853	3659	263		0017	327	04	00	152									
			OB5	0200	1853	36590	263						152									
			5TC DB5	0250	1830 1830	3658 36578	2642		0017	035	04	86	152									
			510		1816	3658	2642		0016	070	05	71	152									
			OBS	0300	1816	36578	2646		0016	10 10	0,0	1.1	152									
			STO		1785	3651	2648		0016	980	07	40	152									
			OBS	0400	1785	36507	2648				-		152									
			STO	0500	1725	3638	2653	3	0016	826	09	09	152									
			OB5	0500	1725	36378	2653	3					152	42								
			510		1555	3606	2669		0015	509	10	71	152									
			OB5	0600	1555	36065	2669						152									
			5T0	0700	1355	3570 35700	2684		0014	141	12	19	151									
			510		1089	3536	2684		0011		13	, 0	151									
			085	0800	1089	35360	2709		0011	040	13	→ O	150									
			510		0940	3527	2728		0009	850	14	55	150									
			085	0900	0940	35270	2728		,	550		,,	150									
			STD		0720	3510	2749		0007	668	15	43	149									
			OBS	1000	0720	35100	2749						149									
			STD		0609	3509	2763		0006	230	16	12	149									
			OBS	1100	0609	35090	2763						149									
			STO		0549	3511	2772		0005	383	16	71	149									
			OB5 STD	1200 1300	0549 0518	35107 3510	2772		0005	000	1.7	2 2	149									
			085	1300	0518	35103	2776		0005	088	17	23	149									
			STD		0487	3508	2778		0004	938	17	73	149									
			085	1400	0487	35080	2778			,,,,	2 '	, ,	149									
			510	1500	0460	3507	2780		0004	743	18	21	149									
			085	1500	0460	35070	2780						149									

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	SHIP	LATITU	D.E	LONGITUDE	0	MARSOEN SOUARE	STATION TH	ME	TEAR	-	RIGINA	TOR'S ATION		DEPTI		X. H OSS	WAVE ERVATIONS	WEA			5	NOOC	
CODE NO.	CODE		1/10	11/10	DOM	10" 1"	MO DAY H	.1/10	14.44	NO.		UMBER		80110	M 5'MP		HGT PIR 31	COD			N	UMBER	
318006	EV	3157	5N 0	7004 W	1	116 10	01 25 0	80	1967	A63	027		5	5348	3	25	1 2	X 1	0 3			0027	
						WA		1N C	DAR	O• —	R TEM		vis.	NO. Q85.	s	PECIAL RVATIONS							
						COOF	TRANS. CIR.	01	701	EN D	RY ILB	WET	CODE	DEPTH	US COSE	RVATIONS							
						ОТ	5D 27	505	28	8 20	16	183	7	32									
	MESSANGE	LCAST	CARO	GEPTH U		1 10	5 %.		7-AM	SPECIFIC	VOLUM	41 3	∆ D YN, M		OUND	02 ml/1	PO4-P	FOTAL-		NO3~N	SI 04-SI	ан	5
	HR 1/10		TYPE	DEPTH 0	n)	1	3 -4.	316	-MA-1	ANOMA	riz-zie	, ,	2 103	VE.	LOCITY	01 11111	νg - 01/1	vg - et/	1 vg = at/1	у д - 617)	⊌g - e1/1	97	č
														1							ĺ		- -
			510			1999	3652		94	0020	711	. 0	000		5239								
	080)	085 5T(0000		1999	36521 3652		94	0020	748	3 0	020		5239 5241								
			085	0010		1999	36521		94					1	5241								
			510			1999	3652		94	0020	785	0	041		5242 5242								
	002		085 510	0020		1999	36521 3652		94	0020	1832	, ,	062		5244								
			085	0030		1999	36520		94	0020	, 0 , 2				5244								
			510	0050)	1999	3652		94	0020	906	0	104		5247								
			085	0050		1999 1998	36520 3659		94	0020	1672		155		5247 5252								
			5T0	0075		1998	36589		00	0020	1413	, (. , ,		5252								
			510	0100)	1977	3663	26	808	0019	730	0	206	1	5251								
			085	0100		1977	36631		0.8	0011	95.30		253		5251 5239								
			5TI 085	0125		1921 1921	3662 36619		22	0011	3520	, 0	273		5239								
			511			1890	3661		29	001	7908	3 0	299	1	5234								
			085	0150		1890	36610		29				101		5234								
			5TI	0200		1841 1841	3659 36590		540 540	001	1035	> 0	386		5229 5229								
			5 T			1821	3658		545	001	5797	7 0	471		5231								
			085	0250		1821	36580	26	545			_			5231								
			51			1815	3657 36572		546 546	001	5887	7 0	555		5237 5237								
			085 5T	0300		1761	3648		552	001	5601	7 0	723		5237								
			085	0400		1761	36480	26	552						5237								
			5 T			1709	3636		555	001	6580) 0	888		5237								
			085 51	0500 0600		1709 1559	36360 3599		555 562	001	6140	1	052		5237 5203								
			085	0600		1559	35989		662						5203								
			5 T	0 0700)	1275	3558		591	001	3382	2 1	200		5122								
			085	0700		1275 1160	35580 3548		591 706	001	207	3 1	327		5122								
			5 T 08 S	0800		1160	35485		706	001	201.	, ,	, , ,		5098								
			51	0 0900)	1010	3524		714	001	1300) 1	444		5059								
			085			1010 0780	35240 3512		714	000	8470	h 1	543		5059 4988								
			5T 085	0 1000 1000		0780	35119		742	000	0 - 1 (, ,	, , , ,		4988								
			5 T	D 1100)	0639	3507	2	758	000	681	7 1	619		4949								
			085			0639 0565	35070 3510		758 770	000	567	9 1	682		4949								
			51 085			0565	35098		770	000	201.	, ,	. 0 0 2		4936								
			51	0 1300)	0509	3508	2	775	000	514	1 1	736	1	4930								
			085			0509	35079		775	000	6.B.1.	1	785		4930								
			5T 085			0472	3507 35070		778 778	000	401(,	. 100		4932								
	09.	2	085			0443	35011		777					1	4929								
			5 T	D 1500	0	0447	3506		780	000	4631	6 1	1833		4938								
			085 51			0447	35060 3501		780 781	000	465	a 1	1949		4938								
	09	2	085			0377	34965		782					1	4984								
			5 T	0 2000	0	0372	3498	2.	782	000	460	6 2	2064		4990								
	09	2	085			0329	34968 3496		785 786	000	444	, .	2291		5047								
	09	2	5T 085			0324	34941		787	000		- (71		5115								
			5 T	0 300	0	0285	3494	2	787	000	437	3 2	2511	1	5124								
	09		OB5			0259	34921 34911		788 789						5188								
	09	2	085 51			0241	34911		789 769	000	437.	2	2948		5279								
	09		085	T442	0	0236	34900	2	788					1	5352								
	09	2	085	1491	9	0232	34889	2	788					1	5439								

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

1800	REFERENCE													_													
100 100	CTRY ID.		LATITU	301	LONGITUO	7 20			STA	TION (G M T	TIME	YEAR	_					DEPTH			WEA	- CLOL	0			100c	
138006 EV 3212 N 07036 W 116 20 01 25 138 1967 65 028 5303 16 1 4 51 0 3 0028	CODE NO.	CODE	·	1/10			10*	1.					CRU		HUMBER			OF.	0.0			5			5.	INDITAT	
	318006	EV	3212	N	07036	w	116	20	03	25	138	1967	146	3 02	<u> </u>		5303	2 3.00			^-	1771 /			-		
Care Mark Care Mark						(,						_			Н			, -	1 4 1	×1	0	3]			18500	
								COLO		OIR		T3 M C	ER	CRY	WET	COO		SPE	CIAL								
								<u> </u>	+	-	FORC	-	\rightarrow	IUL0	IULI		DEPTHS	0.00									
138			_					OT	150	09	504	29	5	211	189	7	24										
138		MESSINGE	CAST			N (m)	1	7	,	٠/	sic	MA-T	SPIC	NC VOLU	ME E	A D	SOL	JNO		FO _A =P	TOTAL	NO3-E	I NO-	_ 14 6	10.6		T
138		HR 1/10		1176			<u></u>		_				AND	I E-TJA MC	" ";	103	. AETC	CITY	U 2 m1/1							gH	00
138			ļļ																				1	+			H
STO 0010 2029 3655 2588 0021292 0021 15244													00	2123	7 00	00	152	247		1		'	1	- 1			1.1
085 0010 20, 20, 36, 551 2588 510 0020 20, 73, 36, 55 2589 004 085 0020 20, 73, 36, 55 2589 510 0030 20, 83, 36, 53 2587 085 0030 20, 83, 36, 53 2587 085 0050 20, 21, 36, 54 2590 085 0050 20, 21, 36, 54 2590 085 0075 2018 36, 55 2591 085 0075 2018 36, 55 2591 085 0075 2018 36, 55 2591 085 0100 2012 36, 54 2590 085 0100 2012 36, 54 2590 085 0100 2012 36, 54 2590 085 0100 2012 36, 54 2590 085 0100 2012 36, 54 2590 085 0100 2012 36, 54 2590 085 0100 2012 36, 54 2590 085 0100 2012 36, 54 2590 085 0100 2012 36, 54 2590 085 0125 2003 36, 56 2596 085 0125 2003 36, 56 2596 085 0125 2003 36, 56 2596 085 0150 1988 36, 56 2600 085 0150 1988 36, 2600 085 0150 1988 36, 2600 085 0150 1989 36, 261 2617 085 0200 1939 36, 261 2617 085 0200 1939 36, 261 2617 085 0200 1939 36, 261 2617 085 0200 1939 36, 261 2617 085 0200 1939 36, 261 2617 085 0200 1939 36, 261 2617 085 0200 1939 36, 261 2617 085 0200 1939 36, 264 2617 085 0300 1823 36, 590 26, 264 085 0300 1823 36, 590 26, 264 085 0300 1823 36, 590 26, 264 085 0300 1823 36, 590 26, 264 085 0300 1823 36, 590 26, 264 085 0500 1748 36, 265 266 085 0500 1748 36, 265 266 085 0500 1748 36, 265 266 085 0500 1748 36, 265 266 085 0500 1748 36, 265 266 085 0500 1748 36, 265 266 085 0500 1748 36, 265 266 085 0500 1748 36, 265 266 085 0500 1748 36, 265 266 085 0500 1748 36, 265 266 085 0500 1748 36, 265 266 085 0500 1748 36, 266 267 085 0700 18, 3539 2776 085 0700 18, 3539 2776 085 0700 18, 3539 2776 085 0700 10, 3533 3510 2774 085 1000 08, 28 3514 2737 085 1000 08, 28 3514 2737 085 1000 08, 28 3514 2737 085 1000 08, 28 3514 2737 085 1000 08, 28 3514 2737 085 1000 08, 28 3514 2737 085 1000 08, 28 3514 2737 085 1000 08, 28 3514 2737 085 1000 08, 28 3514 2737 085 1000 08, 28 3514 2737 085 1000 08, 28 3514 2737 085 1000 08, 28 3514 2737 085 1000 08, 28 3514 2737 0905 1000 08, 28 3514 2737 0905 1000 08, 28 3514 2737 0905 1000 08, 28 3514 2737 0905 1000 08,		138															152	47									
STO 0020 2027 3655 2889 0021284 0042 15250 1													00	21292	2 00	21											
O04													00	2120													
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OBS O030													00	21494	0.0	63											
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085 0075 2018 36549 2591 ST0 0100 2012 3655 2593 0021209 0213 15259 085 0100 2012 36549 2593 ST0 0125 2003 36560 2596 085 0125 2003 36560 2596 ST0 0150 1988 36560 2600 020711 0318 15261 085 0150 1988 36560 2600 15261 ST0 0200 1939 36610 2617 ST0 0200 1939 36610 2617 ST0 0200 1939 36600 2617 ST0 0250 1850 36607 2639 ST0 0300 1823 36590 2645 O85 0300 1823 36590 2645 O85 0300 1823 36590 2645 ST0 0400 1798 36550 2649 O85 0400 1798 36550 2649 O85 0500 1748 36452 2653 ST0 0500 1748 36452 2653 ST0 0600 1644 36215 2660 O85 O700 1459 35900 2677 ST0 085 0700 1459 35900 2677 ST0 085 0900 1045 3538 2716 O85 0900 1045 3538 2716 ST0 085 1000 0828 35147 2737 ST0 100 0828 35147 2737 ST0 1100 0838 3008 2777 ST0 1100 0848 3508 2777 ST0 1100 0848 3508 2777 ST0 1100 0848 35																											
STO 0100 2012 36555 2593 0021209 0213 15259													00:	21271	01	60											
OBS													00	21200	0.2	12											
\$10 0125 2003 3656 2596 0020993 0265 15261													00,	21207	02	13											
OBS 0125 2003 36560 2596 15261					012	5							002	20993	02	65											
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TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

								_	,													
REFERENCE	SNIP	LATITU	0.6	LONGITUDE 5X	MARSDEN	STATION T	IM E	YEAR	<u> </u>	RIGINA			DEFTH	DEFIL		WAVE ERVATIONS	WEA-	CLDUD		1,1	ATION	
CTAT IO.	CODE		1/10	LONGITUDE BY	10" 1"	MO DAY N	18.1/16	1644	CRUISE NO.	51 N	TATION		BOTTON	A S'MPL		HGT FEE SEA		TYPE AMI		N	JMBER	
							175	1047	1	029			5404	1	0.8	1 2	X1	0 3			0029	
318006	IEVI	3232	NI	07107 W	116 21		VINC	1967	1	IR TEM		1	5404 HD.			17 [2]	1 41	1 013		1 '	3027	
					CDLO	B TRANS DIR	SPEC	D MET	ER C	RY	WET	COO		DASERY	CIAL VATIONS							
					CODE	(m) DIR	PORC	(mb	#1 BL	JLB .	SULE		DEPTHS									
					OT	SD 09	504	28	8 2	72	239	7	24	١.								
	MESSENGE	CAST	CARC		t *c				SPECIFIC	VOLUA	ur £	ΔÞ	\$0	UND	010	PO4=P	101A L-P.	NO2-N	ND3-N	\$1 D4~\$1		1
	HR 1/10	ND.	TYPE	DEFTN (m)	, ,	5 %.	210	MA-T	ANOM	441-110	' '	K 103	, AET	DCITY .	O2 m1/8	yg = 41/1	ug = 01/1	μg = σ1/1	μg - σ1/1	μg - 01/1	р₩	i C
	11.6 17.10		_																			TI.
	1	1)	ST	0000	2021	3652	25	88	002	1282	2 0	000	15	245		1 1		'				
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			STI		2021	3652	25	88	002	1319	9 01	021	15	246								
			085	0010	2021	36520	25	88						246								
			511	0020	2013	3652		90	002	1166	5 00	042		246								
	002		085	0020	2013	36518		90						246								
			51		2009	3652		91	002	1104	4 01	063		246								
			085	0030	2009	36518		91	000			106		246								
			571	0050	2009	3652 36518		91	002	11/6	5 0	100		250								
			085 STI		2019	3657		93	002	1145	5 0	158		257								
			085	0075	2019	36570		93	002			- 20		257								
			STI		2005	3656		96	0020	0937	7 0	211		257								
			085	0100	2005	36562		96						257								
			STI		1990	3661		03	0020	304	4 0	263	15	258								
			085	0125	1990	36610	26	03						258								
			ST	0150	1932	3662		19	001	8875	5 0	312		246								
			085	0150	1932	36620		19						246								
			ST		1853	3656		35	001	7526	5 0	403		232								
			085	0200	1853	36562		35		3055				232								
			5TI		1827	3656		42	001	1052	5 0,	489		232								
			085 STI	0250 0 0300	1827 1815	36565 3656		642 645	0016	. 05.0	2 0	574		232								
			085	9300	1815	36562		45	001	,,,,	, ,	- , -		237								
			STI		1780	3650		49	0016	6915	5 0	743		243								
			085	0400	1780	36499		49					15	243								
			ST	0500	1724	3640	26	55	001	5636	5 0	911	15	242								
			085	0500	1724	36400	26	555						242								
			5 T		1619	3614		60	001	6394	4 1	076		223								
			085	0600	1619	36142		60						223								
			51		1459	3588		75	001	068	9 1	234		187								
			085 ST	0700 0 0800	1459 1250	35875 3555		575 594	001	3326	8 1	376		187								
			085	0800	1250	35554		94	001	226		- 70		130								
			51		1001	3526		717	001	097	3 1	497		056								
			085	0900	1001	35263		717						056								
			ST		0800	3506		734	000	9240	0 1	598	14	995								
			085	1000	0800	35058	27	734					14	995								
			ST	D 1100	0642	3505		756	000	7010	0 1	679		950								
			085	1100	0642	35050		756						950								
			ST		0555	3506		768	000	5805	5 1	743	_	932								
			085	1200	0555	35060		768	000	5274	2 1	700		932								
			ST		0499	3504 35043		773 773	000	22/(<i>J</i> 1	799		925								
			085	1300 0 1400	0499	35043		113 776	000	400	7 1	850		930								
			085	1400	0470	35040		776	000	. , ,	. 1	0		930								
			51		0457	35040		778	000	4890	0 1	9 o fto		942								
			085	1500	0457	35044		778						942								

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE					-	MARS	DIN	STAT	10 N T	AAE		_	ORIGI	NATO	2*9	1		MAX	. [WAVE	1	CLOUD			_	
C187 1D. C008 NO.	CODE	LATITU		LONGITUBE	MOCI	sour	ARE		GMTI		YEAR	CI	RUISE	STAT	ЮН	٦,	DEPTH TO BOTTON	OF	0.00	ERVA TIOHS	WEA- THER CODE	CODES		\$	NODC TATION TUMBER	
-	\vdash		1/10	1/10	1	10"		MO . I				_		NUN	MEX	\rightarrow		" S'MPL		HGT PER SEA	-	TIPE AMI				
318006	IEV I	3251	N] O	7136 W	1 1	116	21 (209 J	196		A63 03		₩ 1	!	5303	-	13	1 2	X 2	0 3		- 1	0030	
						l l	COLOR	TRANS	-	57150		TER	DRY	W	ET .	VII CODE	NO. OBS.		ECIAL VATIONS							
						- 1	BODE	IM1	<u> </u>	FOIC		_	BULB	+-	ILB.	-	DEPTHS									
							DT	5D	12	510	2.8	3 1	194	1	78	7	24									
	METSPNGE TIME HB 1/10	CAST NO.	CARD	DEPTH 6	len I	T	70	S	٠/٠٠	SIG	MA-T		NOMALT-		DAP	103		טאט סכודי	O2 ml/l	PO4=P ×8 + 97/1	701AL=P 29 - 01/1	HO2-H #8 - 01/1	HO3-H HQ = 01/1	\$1 Da=51 µg = 41/1	рН	i c
		}			ĺ					1		Г														П
			510				91	365		25		0	02030	4	00	00		237								
	209		OB5 510	0000			91	365		25 25			02029	5	00	າ້ດ		237 238								
			085	0010			89	365		25		0	102029	7	00	20		238								
			5 T D				85	365		26		0	02023	3	00	40		239								
	002		085	0020)	19	185	365		26	00							239								
			STD				79	365		26		0	02011	5	00	60		239								
			085	0030			79	365		26					- >			239								
			510 085	0050			74	365		26		0	02002	6	01	00		241 241								
			STD	0075			70	365		26		0	01985	5	01	50		244								
			085	0075			70	365		26		•	01,00	-	-			244								
			STO	0100)	19	52	366	2	26	14	0	01918	4	01	99	15	244								
			085	0100			52	366		26								244								
			510	0125		19		366		26.		0	01827	4	02	46		236								
			085	0125		19		366		26,		_	0.77/	2	02			236								
			STD OBS	0150			80	365		26 26		U	01774	9	02	91		231 231								
			510	0200			48	365		26		0	01736	2	03	79		230								
			085	0200)	18	48	365	69	26	37							230								
			510	0250			25	365		26		0	01739	4	04	66		231								
			085	0250			25	365		26								231								
			5TD 085	0300			85 85	364		26		0	01712	6	05	52		227 227								
			510	0400			49	364		26		0	01668	9	07.	21		233								
			085	0400			49	364		26		·	01000	_	•			233								
			5TD	0500)	16	78	362	6	26	55	0	01660	2	08	87	15	226								
			085	0500			78	362		26								226								
			STD	0600			48	360		26		0	01574	4	10	49		200								
			085 5TD	0600			4.8 8.2	360		26		0	01411	0	11	0.0		200 161								
			0B5	0700			82	357		26		J	01411	0	17.	70		161								
			570	0800			89	354		26		0	01288	3	13	33		108								
			085	0800			89	354		26								108								
			SID	0900			60	352		27		0	01054	4	14	51		040								
			085	0900		09		352		27								040								
			STD	1000		07		350		27		0	00839	4	15	45		980								
			085 51D	1000		07	33	350 350		27		0	00664	3	16	20		980 947								
			085	1100		06		350		27		U	00004	,	10	20		947								
			STD	1200		05		350		27		0	00590	9	16	83		937								
			OBS	1200		0.5		350		27								937								
			STD	1300		05		350		27		0	00522	6	17	39		931								
			085	1300		05		350		27								931								
			STD	1400		04		350		27		0	00493	6	17	90		935								
			0B5	1400		04	59	350 350		27			00495	0	18	3.0		935 943								
			STD OBS	1500			59	350		27		0	00475	7	10	77		943								
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Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CIET ID.	SMIP	LATTU		DNGITUOL	NOC 18	MARS	ARE		IGM1		YEAR	C		STATE	ON	_	DEPTH TO IOTTOM	M A I	OBS	WAVE ERVATIONS	100	CODE	2		NOOC STATION NUMBE	
-		2011	1/10	7219 W	1			01	Z6		196	$^+$	NO. 463 03	NUM	11811	+	212	S'MPL		2 2	X 2	1177			003	-
318006	I E V I	3311	SN I U	7219 W	1 1	[WAT	1ER		WIND		10-	AR TE	MP.			NO.	50	ECIAL	15 15 1	1 ^6	. 013	'		003	-1
							COLOR	TRAP	S. DIR.	OR FORC	J ALE	TER bol	DRY	NU NU	ET C	ODI	OBS. CHTHS	OBSER	ZHOTEN							
						Ì	DT	5.0	15	506		78	194	18	39 7	7	31									
	MISSINGE	CAST	CARO	DEPTN I	lm)	t	₹	Π	5 */	SIG	MA-T	51	MCIFIC VOLU	JAAS 1	¥ △ DYN. E 1	D.		UNO	02 mi/l	70a-F	101AL-					400
	HR 1/10	1	1176	-				1		-		+		-	1.1	03	7100	J C 11 1		μφ = a1/(и р - 97/	1/30 - gu	yg - el/	l µg −	41/1	- c
	l		510	0000)	1	995	36	57	25	99	1	00 20 27	6	000	00'	15.	238	I	1	ı	1	1	1	1	11
	052		085	0000)	10	995	36	568	25	99							238								
			5TD 0B5	0010			990		57 568		00	(002018	7	002	20		239								
			510	0020			990		56		00	(002026	9	004	+0		240								
	002		OBS	0020			990		561		00	,	002026	,	006			240								
			STD OBS	0030			990		57 568		00		102020	1	000	50		242								
			5TD	0050	0	19	979	36	56	26	03	(002008	0	010	1	15	242								
			085 5TD	0050			979 963		565 58		03	-	001966	4	015	5.0		242								
			OBS	007		1 1	963	36	580	26	0.0						15	242								
			510	0100			963		58		80	(01975	6	020	00		246								
			OB5 STD	0100		1	963 960	36	580 57		80	(001982	8	024	49		240								
			OBS	0125	5	1	960	36	572	26	8.0				- 2			249								
			51D 085	0150		19	950 950		59		12	(001953	8	050	78		251 251								
			STD	0200		1	909		61		24	(001856	1	039	94		248								
			085	0200			909		609		24	,	001715		041	0.7		248								
			5TD 085	0250			837 837		58 585		41	(301715	2	041	00		236								
			510	0300	0	14	820	36	58	26	45	(001695	2	056	68		239								
			OB5 5TD	0300			820 790		580 54		45	(001686	6	073	3 7		239								
			085	0400		1.	790		539	26	49						15	246								
			SID	0500			745		46		54	(001671	5	090)5		249								
			OB5 510	0500			745 687		28		54	(001696	7	10	73		246								
			085	060			687		280		54				. 2			246								
			STD OBS	0700			540 540		01 010		68	(001586	6	12:	38		214								
			510	080	0	13	290	3 :	63	26	92	(001358	1	134	85	15	145								
			085	080			290 045		630 529		92	,	001156	c	15	1 1		072								
			5TD 085	0900			045		291		12	,	101120	17	12.	11		072								
			5TD	1000	0	0.	850	3 5	14	27	33	(000945	9	16	16		015								
			0B5 5TD	1000			850 673		140 508		33	(000725	3	169	99		962								
			OB5	1100	0	0.	673	3 !	080	27	54						14	962								
			STD OB5	1200			585 585		08		66	(000605	4	176	66		944								
			STD	130		0 !	529	3!	808	27	73	(000541	2	182	23	14	938								
			085	1300	0		529 489		080		73		000507		18	76		938 938								
			51D 085	140			489 489		065		76	(000001	0	TO	10		938								
	035	1	085	140	2	0	481	3 !	018		73							935								
			5 T D 0 8 5	1500 1500			466 466		506 5059		78	(000491	. 3	197	26		946								
			510	175			417		101		79	(000485	9	204	48		967								
	035		085	1187	6	0	397		988		80		200100	. 1	2.1	. 0		980								
	035	,	STD	2001 T235			385 352		•98 •972		81	(000480	1	21	0.0		996								
			5TD	250	0	0	338	34	497	2 7	85	(000459	2	24(03	15	061								
	035		085	284			307 295		4965 496		87		000434	6	26	2.7		107								
	035		5TD 085	300			295 271		+96 +947		89	,	000434		26;	. 1		179								
	035		OBS	T 38 31	0	0.	246	34	911	27	88				2.0		15	252								
	035	,	STD OBS	432			241 236		•90 •901		88	(000442	0	30	65		280 336								
	05.	,	000	472		0	2 70	,	1	2 /	50							,,,,								

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE									_	,				_											
CTAY ID.	SHIP	LATITU	DE	LONGITUGE	B 8	ESCIEN U ARE	STATIO	N TIME MT)	YE.	AR :	CRUISE	_	TO8*S	_	OEPTH TO	DEPTE	: 1	WAVE SERVATIONS		EA-	CLOUD			NOGC	
COOM NO.		•	1/10	1/10	10°	11*	MO OA	Y HR.1/1	10	ľ	NO.	NI.	HOITA	ļ	ROTTOM	OF S"MPL"	1	HGT FIR 1			CODES		- 1	STATION	
318006	EV	3335	N I	07237 W	116	32	01 26			67	A63 0	32		T	4030	2.417	-		-	-	TFF AM	_	-+		
					1210		158	WIND		_	4.10	TEM		_	4938	L	18	1 1	X	2	0 3	1		0032	
						COLO) IR. 0	10	MARO-				VII.	NO. OBS.	SPE	CIAL								
						CODE	(se)	PO	RC E	imbat	OUL		BULR		DEPTHS	ONZERA	ZHORS								
_						OT	50 2	1 50	8 2	254	200		194	7	24			1							
lan I	ESTENGE TIME 0	CAST	CARC	OEPTH IN		1 70	1			П,	SPECIFIC VI	0	. 8	<u> </u>	1			_	_	т					$\overline{}$
н	E 1/10	NO.	TYPE	Oteria u	" '	1 0	5 1/4	51	IGMA-		AHOMALT		DY	1. M 10 ³	VELO		02 m1/	POamP #8 = 01/1	TOTAL	-7	NO2-N up - et/1	NO3-N	51 O4-6		č
							1			+			+-	-				1.	74	-	- 0.51	98 - 81/I	NB - 01/	1	C
		' '	510	່ 0000	' ı	971	3656	١,	605	٠,	00197	33	00	٥٥	152				1						H
	083		085	0000	1	971	3656		605					00	152										
			510			970	3656		605	(00197	43	00	19	152										
			085	0010		970	3656	0 2	605						152										
	000		510			970	3656		605	(00197	79	00	39	152	35									
	002		085	00 20		970	3656		605						152										
			510	0030		970	3656		605	(00198	25	00	59	152										
			510			970 965	3655 3656	-	605		20103		0.0		152										
			085	0050		965	3656		606 606	(00197	0.3	00	98	152										
			510			962	3656	_	607	-	00197	82	01	4.8	152 152										
			085	0075		962	3656		607	,	0017,	02	01	70	152										
			STD	0100	1	961	3656		507	C	00198	46	01	7	152										
			085	0100		961	3656	26	507						152										
			5T0			959	3656		808	C	00198	82	02	٠7	152										
			085	0125		959	3656		808						152	49									
			5TD 085	0150		957	3657		509	C	00198	56	029	7	152										
			510			957 890	36570 3660		509 529	_			- 2		152										
			085	0200		890	36600		29	U	00181	59	03	32	152										
			5T0	0250		349	3657		37	0	0175	2 0	041	1	152										
		1	085	0250		349	3657		37	0	,01,7,	2 7	040	. 1	152										
			510	0300		325	3657		43	0	01714	44	056	8	152										
			085	0300		325	36570		43	_					152										
			510	0400		300	3653	26	46	0	0171	42	073	9	152										
		(085	0400		300	36535	26	46						152	49									
		,	STO	0500		759	3644		49	0	0171	74	091	. 1	1525	52									
		(085	0500		759	36441		49						1525	52									
		,	510 385	0600		90	3628		54	0	01703	3 3	108	12	1524										
		,	510	0600 0700		90	36280 3601		54		0.55			_	1524										
		(085	0700		45	36015		67	0	01594	4 4	124	7	152										
			510	0800		350	3571		86	٥	01423	3.5	139	7	152										
		(085	0800		350	35710		86	0	01-23	, ,	100	-	1516										
			STD	0900		13	3536		05	0	01230	05	153	0	1509										
		(085	0900		13	35363	27	05						1509										
			5T0	1000		194	3512		24	0	01034	8	164	3	1503										
		(085	1000		394	35120								150	31									
		,	510 085	1100		70	3502		50	0	00764	•5	173	3	1496										
			5T0	1100		70	35020 3501				0010		1.00		1496										
			985	1200		43	35010	27		0	00600	32	180	2	1492										
			STD	1300		94	3502	27		0	00538	17	185	0	1492										
		C	85	1300		94	35017	27		U	00238	1	102	4	1492										
			STD	1400			3501	27		0	00516	0	191	1	1492										
		C	85	1400	04		35010			,	-0-10		1.1	•	1492										
			510	1500	04		3502	27		01	00493	5	196	2	1493										
		C	85	1500	04	47	35020	27	77						1493										
															, .										

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

STEP CAST	16
STO OOO COST OOO STORT OOO STORT OOO	70
318006 EV 3348 N 07308 W 116 33 01 26 117 1967 A63 033 4663 17 1 5 X1 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
WATER WIND SARON SPECIAL S	33
COLDS TANK DR. MINE OR MAN DR. MINE	ادد
CODE No. CODE No. CODE No. CODE No. CODE No. CODE No. CODE No. CODE No. CODE No. CODE No. CODE No. CODE No. CODE No. CODE No. CODE No. CODE No. CODE No. CODE No. CODE No.	
MISSINGS CAST CARD DEPIN IM) T T S % SIGMA-T SHCHIC VOLUME \$\frac{1}{2} \Delta D DIN M. VILOCITY D_3 mi/l PO_4=0 PO_4=	
STO 0000 2332 3644 2495 0030134 0000 15324	
STO 0000 2332 3644 2495 0030134 0000 15324	5
5TO 0000 2332 3644 2495 0030134 0000 15324	em C
310 0000 232	
1522/	
570 0010 2332 3644 2495 0030174 0030 15326	
OBS 0010 2332 36440 2495 15326	
STO 0020 2332 3644 2495 0030196 0060 15327	
003	
5TD 0030 2308 3647 2505 0029355 0090 15323 085 0030 2308 36472 2505 15323	
5TO 0050 2150 3676 2571 0023080 0142 15290	
OBS 0050 2150 3676 2571 15290	
OB5 0060 2165 36780 2569 15296	
570 0075 2030 3656 2589 0021499 0198 15260	
085 0075 2030 36560 2589 15260 570 0100 1975 3658 2605 0020056 0250 15249	
310 0100 1719 3000 1000	
085 0100 1975 36580 2605 15249 5TO 0125 1971 3659 2607 0019975 0300 15253	
OBS 0125 1971 36590 2607 15253	
5TO 0150 1968 3659 2608 0019984 0350 15256	
OBS 0150 1968 36590 2608 15256	
5TD 0200 1945 3663 2 617 0019294 0448 1 5258	
085 0200 1945 36632 2617 15258	
5TO 0250 1860 3660 2636 0017605 0540 15242 OBS 0250 1860 36600 2636 15242	
0B5 0250 1860 36600 2636 15242 5TO 0300 1838 3658 2641 0017347 0628 15244	
085 0300 1838 36585 2641 15244	
570 0400 1805 3656 2647 0017082 0800 15251	
0B5 0400 1805 36560 2647 15251	
510 0500 1770 3649 2650 0017074 0971 15256	
OB5 0500 1770 36491 2650 15256 570 0600 1710 3636 2655 0016925 1141 15253	
570 0600 1710 3636 2655 0016925 1141 15253 OB5 0600 1710 36360 2655 15253	
5TD 0700 1580 3608 2665 0016224 1306 15227	
OBS 0700 1580 36085 2665 15227	
5TD 0800 1391 3578 2683 0014585 1460 15180	
OBS 0800 1391 35780 2683 15180	
5TO 0900 1149 3542 2703 0012570 1596 15110 085 0900 1149 35420 2703 15110	
085 0900 1149 35420 2703 15110 5TD 1000 0955 3524 2723 0010532 1712 15055	
085 1000 0955 35240 2723 15055	
5TD 1100 0750 3512 2746 0008162 1805 14993	
OBS 1100 0750 35119 2746 14993	
510 1200 0605 3506 2761 0006532 1879 14952	
OB5 1200 0605 35060 2761 14952	
5TD 1300 0537 3505 2769 0005744 1940 14941	
085 1300 0537 35050 2769 14941 5TD 1400 0491 3504 2774 0005250 1995 14939	
085 1400 0491 35045 2774 14939	
570 1500 0455 3502 2776 0005059 2046 14941	
OBS 1500 0455 35018 2776 14941	

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

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REFERENCE CTAY TO.	SHIP	LATITU	OE	LONGITUE	of It	5 8	URSOEN DUARE	STA	IGMT	IIME	YEAR	CSU		TATION		DEPTE	DEFI	H	WAVE IBSERVAT		WEA-	CODES			STAT	ION	
CODE NO.	C008	٠	1/10	• •	1/10	10	1.	MO	TAD	HR.1/10		N		UMBER		BOTTO	M S'MPL	'S DIR	NG! F	1 SEA	CODE	TIPE AND	1		NUN	ABER	
318006	Ev	3408	N	07344	w	111		01	26	149	1967	A6				4300	<u> </u>	13	7 2 2		X 2	0 3	1		00	34	
								ATER		MIND	BAR		AIR TE		VIS	NO.		ECIAL									
							COLD		DIR	PORC	MET (mb		DRY BULB	SULB	COD	OEPTH	OBSER	VATION	5								
							DT	50	17	516		0	217	211	7	24	1		1								
	MESSING4						10.	1	12.	10.2		_	HIC VOLU			1	DUNG		PO.	٠	OTAL-P	NO2-N	NO3-1	N 510,			T
	timi	CAST NO.	CAR	E OE	TH (m)		7 %		5 %.	SIC	T-AM	AH	OMALT-1	m, r	E A D 17N. M X 10 ³	. VE	LOCITY	O3 w	1/1 1/0 -		98 - 81/1	nd - 61/1	NO - 61/			рН	c
	NR 1/10	-		-		+		+-		+		1		+		+		-		_				+	-+-		H
	1		57	0 0	000	- 1	2280	3.6	45	7 2 6	11	0.0	2863	7 0	000	110	311	1	- 1	- 1				1	,		1 *
	149		085		000		2280		449		11						5311										
			5 T		010		2279		44		11	0.0	2871.	2 0	028	1 :	5313										
			085		010		2279		440		11				_		5313										
			5 T		020		2260		48		19	0.0	2794	4 0	057		310										
	002		0BS		020		2260		480		19	0.0	2626	7 0	084		5310										
			085		030		2193		466		37	00	, 2020		004		5294										
			51		050		2123		50		59	0.0	24210	0 0	134		5280										
			085	0	050		2123	3€	505	25	59						5280										
			ST		75		2060		56		81	0.0	2225	3 0	192		5268										
			OB5		075		2060		562		81				2/5		268										
			51		100		1975		56		04	00	2018.	2 0	245		5249										
			085 51		100 125		1975 1963		562 56		04	0.0	1997	4 0	295		5250										
			085		125		1963		562		07	-		, ,	- / /		5250										
			51		150		1960		60		10	0.0	1972	1 0	345		5254										
			085	0	150		1960		599		10						5254										
			51		200		1942		59		15	0.0	1950	9 0	443		5257										
			085		200		1942		591		15		1781		536		5257										
			085		250 250		1868 1868		60 598		34	00	I toT:	9 0	220		5245										
			51		300		1832		59		43	0.0	1716	5 0	624		5242										
			085		300		1832		591		43					1	5242										
			5.7	0 0	400		1811	36	57	26	46	0.0	1716	6 0	796		5253										
			085		400		1811		568		46				A		5253										
			51		500		1772		49		50	0.0	1711	2 0	967		5257 5257										
			085 ST		500 600		1772 1730		40		53	0.0	1711	3 1	138		5260										
			085		600		1730		400		53	0.0		, ,	- 20		5260										
			5 T		700		1620		15		61	0.0	1663	4 1	307	1	5240										
			085		700		1620		154		61			_			5240										
			5 T		800		1406		80		81	0.0	1475	7 1	464		5185										
			085		800		1406		800		81	0.0	11 220	0 1	600		5185										
			5T 085		900		1142		43		705 705	00	1238	, I	300		5108										
			5 T		000		0916		17		725	0.0	1034	8 1	713	_	5040										
			085		000		0916		172		25						5040										
			ST	0 1	100		0724		11		749	00	00780	9 1	804		4983										
			085		100		0724		112		749				9.7		4983										
			5 T		200		0614		80		762 762	00	00651	2 1	876		4956 4956										
			085 51		200 300		0614 0527		080		769	0.0	00574	1 1	937		4930										
			085		300		0527		032		769	00			,	_	4937										
			51		400		0478		01		773	00	00528	7 1	992	1	4933										
			085		400		0478		015		773						4933										
			5 T		500		0454		01		776	00	00506	4 2	044		4940										
			OB5	, 1	500		0454	3 !	015	2	776					1	4940										

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE					MARSDEN	STATION TI	Mf		ONGINA	TDR'S		DEPTH	MAX		WAVE	WEA.	CLOUD	l l		
Ctev ID.	CODE	LATITU		HGITUDE BOOK	SQUARE	(GMT)	72.4	" CROIS		ATION	٦,	1D DITOM	DEPTH	1 000	ERVA TIONS	THER	CODES		ST.	DDC ATION IMBER
CODE NO.	-		1/10	1/10	10" 1"	MD DAY H		NO	N	UMBER	-+		5'MPL'	5 Dik.	HGT PER SEA		TYPE AMT			- T
318006	Ev I	3425	N O	7409 WI I	116 44 WAT		Child.	67 A6	AIR TEM		12	2100		31	1 2	X1	013		(0035
							35510	BARD-	DRY		VIS.	ND. DBS.	SPE	CIAL /ATIONS						
					CDDE	TRANS OIR.		(mbs)	IUL3	BULB	CODE	DES. DEPTHS	DBZER	A IIUNS						
					DŤ	50 29	506	220	217	206	7	24								
	MESSEN GE TIME	CAST	CARD	DEPTH (m)	т 10	5 %.	SIGMA-	_ SPECIF	C AOTHW	41 \$ 1	△ D.	SOL	ONI		PO4-P 1	OTAL-P	ND2-N	NO3-N	SID 4-Si	
	NR 1/10	NO.	TYPE	DEPTH ON!	, ,	, ,,,,	SIGMA-	-I ANO	HALT-EIF	' 1	103	VELC	CITY	O3 mI/I		rg = 61/1	μg = 0t/1	yg = 01/1	1/to - gu	pH (
												1								
			STO	0000	2251	3642	2517	00.	8020	00	00	15	304							'
	190		085	0000	2251	36424	2517						304							
			STD	0010	2246	3643	2519	00.	7886	00	28	15:								
			OB5	0010	2246	36429	2519	0.0	7700		55	150	304							
	003		510 0BS	0020	2242	3643 36432	2521 2521	00.	27798	, 00	22		305							
	003		SID	0030	2239	3644	2522	00.	7719	00	83	15								
			085	0030	2239	36437	2522					153	306							
			STO	0050	2232	3643	2524	00.	7625	01	38	15								
			OBS	0050	2232	36435	2524						307							
			510	0075	2225	3645	2526	00.	27450	02	07	15:								
			OBS 5TD	0075 0100	2225 2212	36446 3650	2526 2534	00	26829	0.2	75	15:	310							
			OBS	0100	2212	36497	2534	00	.002)	, 02	1)	15								
			510	0125	2170	3651	2547	00.	25670	03	41	15								
			OBS	0125	2170	36515	2547					15	305							
			STD	0150	2157	3650	2550	00	25519	04	05	15								
			OBS	0150	2157	36501	2550						305							
			510	0200	2098 2098	3666 36664	2578 2578	00.	22974	05	26	153	300							
			OB5 STD	0200	1953	3662	2614	00	19784	0.6	3.3	15								
			085	0250	1953	36617	2614	00	. , , , , ,		,,		268							
			510	0300	1869	3658	2633	0.0	8127	7 07	28	15								
			OBS	0300	1869	36582	2633						253							
			STD	0400	1808	3655	2646	00	17228	3 09	04	15								
			085	0400	1808 1759	36549 3644	2646 2650	0.0	7156	1.0	76	15	251							
			STD	0500 0500	1759	36443	2650	00	11110	, 10	10		252							
			510	0600	1658	3626	2660	0.0	16439	12	44	15								
			085	0600	1658	36259	2660						237							
			510	0700	1486	3593	2674	00	15269	14	03		196							
			085	0700	1486	35929	2674						196							
			STD	0800	1255	3553	2692	00	13567	7 15	47		132							
			085	0800 0900	1255	35535 3522	2692 2724	00	0222	14	66		132 032							
			STD	0900	0939	35216	2724	00	0222	. 10	00		032							
			510	1000	0753	3510	2744	000	8182	17	58	149								
			OBS	1000	0753	35100	2744					149	977							
			STD	1100	0624	3505	2758	00	06763	18	33	14								
			085	1100	0624	35048	2758			1.0	0.5		943							
			STD OB5	1200 1200	0560 0560	3508 35082	2769 2769	000)5722	10	95	149	934							
			510	1300	0487	3506	2776	0.00	14996	19	49	149								
			OB5	1300	0487	35058	2776		, ,			149								
			STO	1400	0468	3505	2777	00	4920	19	98	149								
			085	1400	0468	35047	2777					149								
			510	1500	0436	3502	2778	000	4791	20	47	149								
			OBS	1500	0436	35019	2778					144	933							

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

MASSOR SATION TIME COOK	DES STATION NUMBER
318006 EV 3451 N 07427 W 116 44 01 262 20 1067 A63 036 3292 144 1 3 X1 0	AMI
WATER WIND SARD AND THE COLOR WITH THE COLOR OF THE COLOR	3 0036
COLOR TRANS OR STRUCK OF THE COLOR OF THE CO	
COOF Total DIEC TOTAL TOTAL TOTAL STATE OF THE STATE OF T	
DT 50 17 S04 207 222 200 7 29	
MISSING CAST CARD DEFIN (m) I T S %, SIGMA-1 IMEGIC VOLUME \$ \$ 0 O O O O O O O O O O O O O O O O O	-N NO3-N SIO4-SI
MEISHED CAST CARD TIPE DEPTH (m) T T S "4. SIGMA = T SMCURC VOLUME \$\left(\lambda\) O(\lambda\)	-N NO3-N \$104-St HB - et/1 HB - et/1 PH
STO 0000 2304 3644 2504 0029326 0000 15317	
220 085 0000 2304 36444 2504 15317 5TO 0010 2273 3647 2515 0028304 0028 15311	
085 0010 2273 36474 2515 0020304 0028 15311	
STO 0020 2248 3651 2525 0027409 0056 15307	
004 OBS 0020 2248 36508 2525 15307	
STO 0030 2222 3654 2534 0026513 0083 15303 085 0030 2222 36541 2534 15303	
STD 0050 2172 3651 2547 0025437 0135 15293	
OBS 0050 2172 36514 2547 15293	
STD 0075 2140 3655 2558 0024434 0197 15289	
085 0075 2140 36549 2558 15289 5TO 0100 2118 3656 2565 0023848 0258 15288	
085 0100 2118 36563 2565 15288	
STO 0125 2113 3657 2567 0023788 0317 15290	
005 0125 2113 36610 25700	
STD 0150 2115 3657 2567 0023901 0377 15295 085 0150 2115 36571 2567 15295	
5TD 0200 2033 3668 2598 0021141 0490 15283	
085 0200 2033 36684 2598 15283	
STD 0250 1901 3660 2626 0018611 0589 15254 08S 0250 1901 36599 2626 15254	
510 0300 1828 3654 2640 0017424 0679 15234	
085 0300 1828 36541 2640 15241	
510 0400 1778 3648 2648 0017012 0851 15242	
085 0400 1778 36479 2648 15242 5TO 0500 1629 3618 2661 0016007 1016 15210	
085 0500 1629 36183 2661 15210	
510 0600 1352 3558 2675 0014680 1170 15132	
085 0600 1352 35580 2675 15132	
5TO 0700 0991 3517 2712 0011062 1298 15018 085 0700 0991 35169 2712 15018	
STO 0800 0747 3507 2743 0007965 1394 14941	
085 0800 0747 35072 2743 14941	
5TD 0900 0642 3506 2757 0006653 1467 14917	
OBS 0900 0642 35059 2757 14917 STO 1000 0529 3506 2771 0005167 1526 14888	
OBS 1000 0529 35065 2771 0003167 1726 14888	
STO 1100 0497 3505 2774 0004959 1576 14891	
085 1100 0497 35050 2774 14891 5TO 1200 0459 3503 2777 0004701 1625 14892	
510 1200 0459 3503 2777 0004701 1625 14892 085 1200 0459 35032 2777 14892	
STD 1300 0428 3499 2777 0004666 1672 14896	
085 1300 0428 34994 2777 14896	
STD 1400 0412 3498 2778 0004631 1718 14906	
085 1400 0412 34984 2778 14906 244 085 71402 0401 34957 2777 14901	
STO 1500 0407 3499 2779 0004601 1764 14920	
085 1500 0407 34991 2779 14920	
STO 1750 0386 3496 2779 0004739 1881 14953 244 085 71895 0374 34954 2780 14973	
244	
244 085 T2366 0340 34963 2784 15039	
STD 2500 0339 3496 2783 0004718 2233 15061	
244	
244 085 3034 0256 34918 2788 15117	

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

SHIP LA	1/10	TONGILOS TO	ARSOEN OUARE	STATION TIME IGMTI	TEAB	CAUISE STAT	ION	DEPTH OFFTI	0	WAVE SERVATIONS HIGH PER SE	WEA- THEB CODE	CLOUD		S.T	ODC ATION UMBER
318006 EV 35		075020w 1	COLOR	01 27 05 ER WIN-	1 1967 BAF OFCE (ME	TER ORT W	ET CODE	DEFTHS OBSER	19 ECIAL VATIONS	2 2	x1	0 3			0037
			DT	SD 17 S	15 15	9 222 2	06 7	13		1					
MESSENGE CA	AST CARD		2 1	s */	SIGMA-F	SPECIFIC VOLUME ANGMALT-ETB?	\$ △ ₽ 07N. M x 10 ³	VEFOCITA	03 ml/l	PO4=P #8 * 81/1	101AL-F µg = e1/1		NO3=N vg = et/l	\$1 O ₈ =\$1 µq = #1/\$	φН
						Ī									
	ST	0000	2190	3634	2528	0026967	0000	15287							
051	OBS	0000	2190	36343	2528			15287							
	ST	0010	2153		2537	0026180	0026	15279							
	OBS	0010	2153		2537			15279							
	ST		2110		2551	0024875	0052	15270							
001	085	0020	2110		2551		007/	15270							
	STI		2086		2559 2559	0024214	0076	15265 15265							
	085	0030	2086		2574	0022782	0123	15254							
	5 TI OBS	0050 0050	2030		2574	0022102	0123	15254							
	STI		1900		2606	0019847	0176	15222							
	OBS	0075	1900		2606	00170	0-10	15222							
	ST		1773		2622	0018408	0224	15187							
	OBS	0100	1773		2622			15187							
	ST		1458		2670	0013915	0265	15091							
	OBS	0125	1458	35800	2670			15091							
	ST	0 0150	1305	3559	2686	0012433	0298	15042							
	085		1305		2686			15042							
	ST		1149		2703	0010882	0356	14995							
	OBS	0200	1149		2703			14995							
	ST		0912		2726	0008737	0405	14915							
	OBS		0912		2726			14915							
	ST		0851		2733	0008171	0447	14900							
	085	0300	0851		2733			14900							
	OBS	0380	0730	35061	2744			14865							

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.

REFERENCE	5	HIP	LATIT	UDE.	LOI	HGITUQE	DEIP!	MARSDEN	STA	TION T		YEAR	CILUISE		ATOR'S		O E P	тн	MAX. DEPTH	085	WAVE ERVATION:	s W	/EA-	CLOUD		,	NODC	
31802	-	-	350	1/1		1/1/ 502 W	+	116 55	MO			967	NO.	-	UMBEI		050	_	OF S'MPL'S	D18.	HGT PER 1	STA CI		0 3	1	, h	UMBER	
1 31802	011	C	3301	O N	101	302 W	1	W	ATER	V	IND	BARC		AIR TE	MP °C	VIS.		_	SPECN	LL	6 2	1 '	(1	013	1	1	0001	
								COL	E IM	-	3 OECE 08 26ED	AM ETE (mba	1	DRY	BULB	COD	OB!	HS C	DBSERVA'	anons								
	ME	SINGE	LCAST	Τ.				DT	SD	30	534	122		06	180		26						_					
		1/10	NO.	,	TYPE	DEPTN	(m)	7.70	S	*/	SIGM	A-T	ANDM	ALY-EI	07	E △ □ X 10 ³	٠ ٧	SOUN SOUN		2 mi/l	PO 4-P	101A		MO ₂ =N µg = 01/1	NO3-N NO - aVI	1/10 - Qu	pН	è
	1		ŀ	Ι,	510	000	0	2516	36	1 4	241	В	003	751	1 0	000	Τ,	536	4.5				T					\sqcap
		076		0.6	35 5TD	000	0	2516	36	144	241	8					1	536	55									
				0.6	35	001	0	2518 2518		146	241	7	003			037	1	530	67									
		005		0.6	510 35	002	0	2517 2517	36. 36.	146	241 241	8	003	761		075		530										
				0.0	510 35	003		2505 2505	36	15 155	242	2	003	723	4 0	112		536										
				08	35 5 T D	004		2400 2394	362 362		246	0	003	347	7 0	183	1	534	46									
				08	35	005	0	2394 2366	362	245	246	2	000			- 02	1	534	45									
					OTO	007	5	2360	362	26	247	3	003	252	1 0	265	1	534	41									
				08	35	007	0	2360 2326	362	210	247	9					1	534	35									
				0.6	5 T D 3 5	010		2286 2286	36a		249		003	070	7 0	344		532										
				06	35 5TD	011		2167 1947	360		252 257		002	306	3 0	412		529										
				08	35	012	5	1947 1845	360	080	257 259	4					1	524	+0									
				0.6	35	014	2	1833	360	37	260	0	001	0.0.3			1	52	10									
	0				5 T D	015	0	1737 1737	359	78	261 261	9	001	883,	2 0	464	1	518	3 3									
	0				510	017	0	1393 1213	351 351	53	267 269	9	001	125	7 0	539	1	50	19									
	01					020		1213	355		269							501										
	06					025		0983 0983	35 i		271 271		000	959	2 0	591		494										
	0.6 0.6					030	0	0869 0869	350	9	272	6	000	878	5 0	637	1	490	06									
	51 085 085 51 085					035	0	0835	350	63	272	9	000	700		721	1	49(01									
	51 085 085 51 085 083				35	040	0	0755	350	908	273	7	000	108:	5 U	121	1	48	78									
	08 5 08 08 08				35	042		0726 0658	350		274 275							484										
	08 08 08 08					044		0612 0612		998	275 275							48										
REFERENCE	OBSOBS SHIP LATITUDE NO. CODE LATITUDE																	7	AX,								_	
CTBY ID.	NCE SNIP LATITUDE . 1/10					1710	ğ	MARSDEN SQUARE	STATIO (G.				UISE NO.	IGINAT STA	TION		TO TO	DE	PTH	OBSERY	A VE VA TIONS	THE	0 0	CODES		STA NU:	TION VIER	
318028	ID. CODE LATITUDE				074	332W	_	16 44	11 1:				_	00.2		3	177			2 6		x 1		0 3		-	202	
								COLOR	TRANS.	DIR.	MID	BARO- METER	DR'			VIS.	NO. OBS.	095	SPECIAL	NS								
								DT	-			(mke) 130	18		156	-	18	-		\dashv								
	ME2281	GE .	AST NO.	CAR	0	DEPIN (m	,	1 6	5 *,		SIGMA	at SP	HOMAL ICHIC V	DEUME	E A	103 103		UNU	. 02			TOTAL-	PNO			104-5	ρН	Š
	HR 1)	10	-		-		+			\dashv		+			x	103	711		-		yg • e1/l	≥g - e1/1	-	- al/1 y	10 - 61/1	rg - et/l	_	0
	1			5T 085		0000		2470 2470	3630		2443 2443	0	0350	057	00	00		356 356		- 1			'	1	+			
	_			51	D	0010		2438	3636)	2458	0	033	753	00	34	15	350)									
				5.T	0	0020		2438	3635		2497	0	0300	032	00	66	15	350 325	ò									
	01	7.5		085 5T	0	0020		2324 2323	3643 3644		2497 2498	0	0299	972	00	96		325 327										
				OB5		0030		2323 2318	3644		2 49 8 2500	0	0291	888	01	56		327										
				085 51		0050		2318	3644	8	2500 2502		029		02	3.0		329 332										
				085 085		0075		2313	3645	7	2502				-		15	332	?									
				5T 0B5	0	0100		2208	3653		2537	0	0 2 6 5	512	03	01	15	310)									
				5 T	0	0125		1987	3657		2537 2601	0	0209	529	03	59	15	310 257										
	510 085 510		0	0125 0150		1987 1903	3656 3657		2601 2623	0	0189	516	04	0.8		257 238												
				0B5		0150		1903 1870	3657 3657		2623 2631	0	0178	382	04	99		238 237										
				085 51		0200		1870 1841	3657 3654	0 .	2631		0179		05	8.8		237										
				085 5T		0250		1841	3653 3652	6 .	2636		0172		06			236										
				085		0300		1817	3652	2 .	2641						15	237										
				5T 0B5		0400		1766 1766	3646	5 .	2649		0168		084			238										
				51 085		0500		1687 1687	3632 3632	2 .	2658 2658		0163		10			230										
				5T 0B5		0600		1456	3592 3591		2679 2679	0	0144	•09	11	65	15											
				5T 085	D	0700		1205 1205	3550 3550		2699	0	0125	552	130	00	150											
				085		0750		1080	3533		2709							060										

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE	SHIP	LATITU		LONGITUDE	# U W W	ARSDEN QUARE	STA	IGM TE	ME	TEAR	CRUIS	ORIGINA	TDR'S	_	DEPTH	DEPT		WAVE ERVATIONS	WEA-	CLOUD		51	ODC ATION	
CODE NO.	CODE	CAIIIU	1/10	1/10	S DOM	t t	MO	DAY H	R.1/10		NO.	N N	UMBER	_	80110	M S'MPL	'S DII.	HGT FIR SIA	CODE	1176 A M1		NI	PREM	
318028	RC	34281	ON C	74049w	11	6 44	11	13 1	38	1967	A64	00			369	سلة	33	3 2	X1	013	[- (0003	
. 319050	· RC ·	3420	014	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		WA		W	SPEEC	BAR	p. _	AIR TEA	WET	VIS.	ND.		EC 1A L							
						COLOR	TRAM!	DIR	S D B C	1 2 2		BULR	BULR	C001	DEPTH	2 GIZEN	VATIONS							
						0.1	50	35	512	14	7 2	206	171	7	29									
	MESSINGE SIME	C 457	CARD			1 %	Τ.	./		MA-T	SPECIF	C ADIR	ME E	A D	5	סטאם	Q 2 m1/l	PO 4P	1014 L=P	NO2-N	NO3-N	S1 D 4-51	ρN	å
	NR 1/10	NO.	TYPE	DEPTH	m)	, ,	,	70.0	310		AHO	11E-7,14 N	,	N 103	. VE	LOCITY		yg + e1/1	## + #1/L	NB + 01/1	ug = 41/1	ид - e1/1		c
	1112 1111														1									11
	'		510	0000)	2312	36			00	002	2965	3 0	000		5319								
	130		085	0000		2312		430 43		00	00:	2967		029		5319								
			ST0	0010		2312		432		00	002	2 7 0 1 .	, ,	0 2 7		5321								
			5T(2312	36	43	25	00	002	971	• 0	059		5322								
	002		085	0020		2312		432		00	00	29754		089		5322 5324								
			5T0	0030		2312		43 432		500	00,	2713		007		5324								
			5TI			2308		48		505	002	29381	0	148	1	5327								
			085	005		2308		480		505						5327								
			085	006		2308		729 72		524 535	0.03	2661	1 0	218		5332								
			5TI	0 007		2268		725		535	001	. 00 1				5324								
			51			2137	36	70		70	00	2335	2 0	480		5294								
			085	010		2137		701		570	00	2039	7 0	335		5294 5263								
			51 085	0 012		2008		66 660		602 602	00	2039	, ,	,,,,		5263								
			5T			1926		61		620	00	1881	0 0	384		5244								
			085			1926		608		620						5244								
			51			1885		58 585		629 529	00	1814	8 0	1476		5241								
			085 51	020		1850		57		636	00	1759	2 0	566		5239								
			085			1850	36	568	20	536						5239								
			51			1825		54		641	00	1734	2 0	653		5240 5240								
			085			1825 1781		542		641 648	0.0	1699	6 0	825		5243								
			5T 085			1781		492		648	00				1	5243								
			51			1716		37		654	00	1667	5 0	993	_	5239								
			085			1716		369		654 665						5239 5217								
			0B5			1599 1592		146		666	00	1579	5 1	155		5215								
			085			1592		140		666						5215								
			085			1499		969		674			_	1306		5190								
			5T			1408		83 828		683 683	00	1432	0 1	1 200		5170								
			0B5			1408		689		687					2	5151								
			51			1134	3	39	2	704	0.0	1223	1	143		5088								
			OB5	080		1134		395		704 724	0.0	1021	g.	155		.5088 .5028								
			51 085			0927		519 5189		724	00	1021	9			5028								
			51			0708		502		745	0.0	0805	9	164		4959								
			085	100	0	0708		5022		745		044		171		4959								
			51			0570		+9B +981		760 760	00	0647	U	111		4920								
			OB5			05/0		• 70 I 498		768	00	0563	9	177	6 1	4909								
			085	120	0	0501	3	4980	2	768					1	4909								
			089			0456		4970		772	0.0	0518	1.6	183		14906 14906								
			51			0453		497 4969		773	00	10018	, -4	103		14906								
			083			0439		497	2	774	0.0	0509	0	188		14917								
			OBS	140	0 (0439	3	4970		774		0.50	7	193		14917 14928								
			51			0425		497 4969		776	UC	0500	1.7	173		14926								
			085	5 150	U	0425	3	* 707	- 2	, , , ,														

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE	T																					
CTRY ID.	CODE	LATITE	IDE L	ONGITUDE	SOUARE	STATION 1	IME	TEAR	CRUISE	RIGINA	TOR'S ATION	\dashv	DEPTH TO	DEPTH	OR	WAVE ERVATION	s WI	A- CLO	OU		NO	00
CODE NO.	-		1/10	1/10 S X	10° 1°	MO DAY	R.1/10		NO.	NI	MBED		MOTTOM	Z, M bF.		HGT PIP	1 22				STAT	MBER
318028	BIRCI	3408	81 0	73349wl	116 43	11 13	166	1967	A64	004			4680		31	5 2	Х	والمراز برزار			00	004
					COLO	ATER	SPEEC	BARC		R TEM		VIL	NO.	SPE	CIAL		' ^		- 1		1 00	004
					CODI		D4 FORC		t Di	LR	WET	CODI	DEPTHS	OBSERV	2 NOT A							
	_				10	SD 33	520	_	9 19	3	150	7	28									
	MESSENGE TIME HR 1/10	CAST	CARD			1			SPECIFIC		_	<u>ر ر</u>					_		_			
	HR 1/10	NO.	TYPE	DEPTH (m)	1 %	s */	SIG	MA-T	ANOMA	17-118"	DY	△ 0 N. M.	VEFO 200		0 2 ml/l	PO g=P ug = m1/l	IDTAL-				Q - el/l	βN
						1	+				+-	-	+-	+		-	-	-		107		
			STD	0000	2291	3649	25	11 '	0028	637	0.0	00	153	115		1	1	1	1		Į.	
	166		085	0000	2291	36490	25				-		153									
			STO	0010	2292	3649	25		0028	704	00	28	153									
			OBS 5TD	0010	2292	36490	25						153									
	003		085	0020	2293 2293	3649 36490	25 25		0028	770	00	57	153									
			STD	0030	2293	3649	25		0028	810	00	86	153 153									
			OB5	0030	2293	36490	25		2020	-10	00	30	153									
			STD	0050	2293	3649	25		0028	871	01	43	153									
			OBS	0050	2293	36493	25	0 1					153									
			51D 085	0075	2293	3651	25		0028	833	02	16	153									
			085	0075 0079	2293	36512 36559	25						153									
			085	0079	2178	36690	25:						153									
			STO	0100	2147	3665	256		00239	996	02	9.2	153 152									
			085	0100	2147	36649	256		0023	,,,		02	152									
			5TD	0125	2027	3663	259		00210	069	03	38	152									
			085 5T0	0125	2027	36635	259	-					152									
			085	0150	1927 1927	3657 36575	261		00190	72	03	88	152									
			STD	0200	1883	3657	261		00182	71.1	04	Ω 1	152									
			0B5	0200	1883	36569	262		00102		0-4	0 1	152									
			STO	0250	1840	3653	263		00175	88	05	71	152									
			085	0250	1840	36534	263						152	36								
			510 085	0300	1817 1817	3651 36509	264		00173	392	06	58	152									
			510	0400	1761	3643	264		00169	14.6	08		152									
			OBS	0400	1761	36430	264		00103	00	Uo.	30	152									
			STD	0500	1705	3635	265		00165	59	099	8.9	1523									
			085	0500	1705	36349	265						152									
			085	0550	1667	36257	265						1523	31								
			STO OBS	0600 0600	1587 1587	3611	266		8 2 1 0 0	71	116	0	1521									
			51D	0700	1436	36113 3585	266		00147	2.7	131	2	1521									
			OBS	0700	1436	35853	267		00141	31	131	3	1517									
			STD	0800	1208	3546	269		00132	14	145	3	1511									
			OB5	0000	1208	35456	269						1511	5								
			STO OBS	0900 0900	0953	3521	272		00104	78	157	1	1503									
			510	1000	0953	35215 3508	272		20001	0.3	2.6		1503									
			OB5	1000	0775	35080	273		00086	82	166	7	1498									
			510	1100	0608	3501	275		00068	03	174	4	1498									
			085	1100	0608	35010	275						1493									
			510	1200	0531	3497	276		1 8000	28	180	9	1492									
			OBS OBS	1200	0531	34970	276						1492									
			510	1250 1300	0488	34965 3496	276		100E	2.	1.4	-	1491									
		-	DBS	1300	0469	34965	277		0054	26	166	1	1491									
			510	1400	0446	3497	277		0052	01	192	0	1491									
		(DBS	1400	0446	34968	277						1491									
			510	1500	0436	3498	277		0050	45	197	1	1493	2								
			DBS	1500	0436	34984	2770	ć.					1493									

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

							_		-							MAX					·			
CTRY ID.	SHIP	LATITU	DE I	LONGITUOE	28	MARSDEH SOUARE		STATION TI	ME	YEAR	CRUISE	RIGIN A	ATION	\dashv	DEPTH TO	DEPTI		WAVE ERVATIONS	WEA-	CLOUG		S	NODC TATION	
CODE NO.	0001	*	1/10	1/10		10" 1"	- "	O DAY H	1/10		NO.	N	UMBER	_	MOTTON	S'MPL	*5 OIL	HGT PER SI	COUL	TTPL AMI	1	H	UMBER	
318028	RC	3349	ON O	73080w	1 1	16 33			94	1967		005		<u>, i</u>	4535		34	5 2	X 1	0 3	1		0005	
						COL	OR T		SPEED	BARG METI	V-	IR TEM	WET	VIL.	NO. OBS.		ECIAL VATIONS							
						COL	DE	(m) DIR	1010			JLO	BULB	1000	DEPTHS	OBSER	AN HOW?							
						DI		50 33	510	12	3 1	96	156	7	29			_						
	MESSENGE TIME	CAST	CARD	DEPTH	(m)	T C	- 1	\$ %.	SIG	MA-T		VOLUA	A.E. 2	∆ D YN, M x 10 ³	sou		O2 ml/l	PO4=P	701AL-P	NO2-N	NO3-N	51-04-51	a N	\$
	HR 1/10	NO.	TYPE								ANDM	467-210		x 10 ³	VELO	PCITY		μφ = α1/1	yy = 61/1	ug - a1/1	µg = 61/1	ир - al/l	p.n	č
					. 1				١						١									
	194		STO	0000		2333		3641 36409	24		0030	389	00	000	153									
	174		STD	0010		2332		3641	24		0030	392	. 00	030	153									
			OBS	0010)	2332	2	36410	24	93					153	125								
			STD	0020		2332		3641	24		0030	0414	00	060	153									
	002		OBS OBS	0020		2332		36412 36425	24						153									
			STO	0030		2318		3644	24		0029	872	00	090	153									
			OBS	0030		2318		36439	24						153									
			STD OBS	0050		2300		3645 36452	25 25		0029	361	0	150	153									
			510	0075		2291		3646	25		0029	9114	0.	223	153									
			OBS	0075		2291		36465	25	09					153									
			085	0082		2288		36486	25			25.2		700	153									
			STD OBS	0100		2165		3668 36680	25		0024	1252	0.	290	153									
			STO	0125		2038		3661	25		0021	1532	0	347	152									
			OBS	0125		2038		36609	25						152									
			STO	0150		1947		3658	26		0019	9537	0	398	152									
			OBS	0150		1947		36579 3658	26		0018	3203	04	492	152									
			OBS	0200		1887		36583	26		001			. , .	152									
			STD	0250		1865		3656	26		001	7976	0:	583	152									
			085 STD	0250		1865		36565 3654	26 26		001	7667		672	152 152									
			085	0300		1837		36538	26		001	1002		012	152									
			5TD	0400		1788		3651	26		001	7045	0	846	152									
			OBS	0400		1788		3650B	26						152									
			STD OBS	0500		1737		3641 36410	26		0016	870	10	015	152									
			085	0554		1706		36343	26						152									
			STO	0600)	1647		3624	26	61	0016	330	1	181	152	33								
			OBS	0600		1647		36239	26						152									
			OBS STD	0650		1577		36090 3596	26 26		001	5234	1.	339	152									
			OBS	0700		1495		35960	26		001				151									
			STD	0800		1288		3560	26		001	3747	1	484	151									
			0BS ST0	0800		1288		35601 3529	26 27		001	1542	1.	610	151									
			OBS	0900		1042		35286	27		001	. > 4 6	. 1	-10	150									
			STD	1000		0829	9	3508	27	31	000	9558	3 1	716	150	006								
			OBS	1000		0829		35079	27		000	7 2 2 2	, ,	000	150									
			STD OBS	1100		0633		3500 35002	27		000	1227	1	800	149									
			510			0543		3499	27		0000	5135	1	867										
			OBS	1200)	0543	3	34992	27	64					149	926								
			OBS	1250		0513		34995	27		0.05			0.25	149									
			STO OBS	1300		0498		3500 35005	27		000	2231	1	925	149									
			STO	1400		0466		3499	27		0000	319	1	979	149									
			OBS	1400)	0466		34989	27						149									
			STD	1500		0438		3497	27		0005	184	20	032	149									
			OBS	1500	,	043E	3	34969	27	14					145	133								

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE	1				_						_					. MA					,	7			1
CTBY ID.	CODE	LATITU	DE L	DNGITUDE	DEPT	MARSD	EN E	STATION T	AA E	YEAR	CIUIS	ORIGIN E	TATION	$\overline{}$	DEPTI	DEP	TH	Daser	VAVE VATIONS	WEA-	CODES			STATION	
CODE NO.	CODE	•	1/10	1/10	Z	16"	1"	MO DAY	4,1/10		ND.	1	UMBER		ROTTO	M 5"44 P		ift, H	GT PER SEA	CODE	TYPE A 44	7		NUMIER	
318028	I RC	33300	on lo	72366W		116	32		21	1967	A64		6		5370		تىك	12 4	2	x1	013		- 1	0006	
						-	WAS		SPEE	- BAR	J+	AIR TEA		VIS	ND.	5	PECIAL								
						C	DLOR	JIN DIR	9010			DAY	WET	COD	OBS. DEPTH	SOUZE	RVATID	NS							
						-) T	5D 32	508	_	6 1	84	146	7	29	1		\neg							
	M4224MG1	CAST	CARD				_		Ι		SPECIFI	c vorn	M7 3	E A D	51	DUND			PO ₄ =P 1	OTAL-P	NO ₂ -N	NO3-N	5104-		5
	TMI HR 1/10	NO.	TYPE	DEPTN	(m)	1 7	C	5 %.	SIG	7-AM	ANON	4A),7-81	07 C	2 10 ³	VE	LOCITY	02	m1/1		νa - at/1	nd - attl	yg = 01/1	уg - 81	/I pH	C
									\top				\top		\top									_	+
	'		510	0000	0	23	16	3646	25	01	002	955	3 0	000	19	320	1	t	'					'	1.
	221		OBS	0000		231		36459	25					_		320									
			STD OB5	0010		231		3646 36460	25 25		002	958	4 0	029		322									
			5T0	0020		231		3646	25		002	965	1 0	059		324									
	002	:	085	0020	0	23		36460	25	01					15	5324									
			STD	0030		231		3646	25		002	964	5 0	088		325									
			085 STD	0030		231		36463 3648	25 25		002	8980		147		325									
			085	0050		229		36482	25		002					323									
			510	0079		229		3654	25		002	765	2 0	218		319									
			085 510	0100		225		36543 3661	25 25		000	1994		280		319									
			085	0100		206		36615	25		002	144.	• 0	200		273									
			510	0125	5	195	9	3660	26		001	9579	5 0	332	15	249									
			085	0125		195		36603	26			0501		2 70		249									
			510 085	0150		190		3659 36591	26 26		001	8501	5 0	379		240									
			STD	0200		187		3657	26		001	7983	9 0	471		238									
			085	0200		187		36570	26							238									
			510	0250		184		3655	26		001	7672	2 0	560		238									
			085 5TD	0250		184		36550 3652	26 26		001	7293	1 0	647		238									
			085	0300		181		36523	26		001					237									
			510	0400		177		3648	26		001	7030	0	819		242									
			OB5 STD	0400		177		36477 3633	26 26		001	6732		988		242									
			085	0500		170		36335	26		001	0132	. 0	, 00		236									
			510	0600		159		3613	26		001	5922	2 1	151		216									
			085 085	0600		159		36128	26							216									
			5TD	0700		140		3580	26		001	4392	1	302		167									
			085	0700		140	1	35798	26		,,,,					167									
			STO	0800		120		3552	26		001	2778	3 1	438		116									
			085 085	0800		120		35518 35316	26							081									
			510	0900		099		3524	27		001	1083	3 1	558		054									
			085	0900)	099	8	35240	27	16					15	054									
			STD	1000		077		3508	27		000	8659	1	656		985									
			085 085	1000		077		35078 35090	27							985									
			510	1100		065		3502	27		000	7382	1	737		954									
			085	1100		065		35021	27							954									
			5T0 0B5	1200		055 055		3501 35015	271		000	6176	1	804		932									
			085	1247		053		35008	27							929									
			DBS	1248	3	052	6	35010	276	5 7						927									
			510	1300		049		3499	270		000	5637	1	863		924									
			085 510	1300		049		34990 3499	270		000	5331	1.1	918		924									
			085	1400		046		34989	27		000	- 331	1	.19		928									
			510	1500)	045	9	3501	27	75	000	5179	1	971	14	942									
			085	1500		045	à	35009	27	75					14	942									

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE										1	ORIGINA	1001			LMA	¥.	WAVE	T	0.000				
CTET ID.	SHIP	LATITU	OE LO	MOITURE TO THE	SOUARE	`	STATION TI	WE	YEAR	C#U	IIS€ S	MOITAT		TO		H OBS	ERVATIONS	THER	CLOUD		ST.	ATION	
CODE NO.	COUL	•	1/10	1/10	10"	* A	O DAY H	R,1/10		R	O, N	UMBER		101101	M S'MP	L'S OR	HGT MS STA	CODE	TYPL AMP		NI	JAMPER	
318028	RC	3311	5N 0	72040w	116 3	2 1		10	1967	A 6		7		5121	Д.,	30	3 2	X1	0 3		1 0	00071	
					-	WATE		SPEEC	MET		DRY DRY	WET.	VII.	NO.		PECIAL EVATIONS							
					CC	100	EANS DIR.	03 FO4C			BULD	BULD	CODE	QEPTH:	SUSSE	KVAIIONS							
					0	T	50 30	508	12	5	206	197	7	27									
	MESSENGE		CARD	QEPTH (m)	1 7		s */		MA-T	SPIC	CINC AOPR	ME S	A D	50	DUNG	02 ml/1	PO ₄ —P	TOTAL-P	NO2-N	NO3-N	\$104-5	- 14	SCC
	TIME HR 1/10	NO.	TYPE	GEFTA DAT	, ,		3 %	310	ma-1	AN	IOMALI-BI	" "	E 103	, AEI	rocity.	07 10071	3/R = 01/1	µ8 = 01/3	µg = 01/1	pg = 01/1	µg = 01/1	gН	č
														1									\Box
	'		510	0000	236		3659		99	0.0	29798	3 0	000		333								
	010		085	0000	236		36595		99						333								
			ST0 085	0010	236 236		3660 36596		98	00	2985	7 0	029		335								
			510	0020	236		3660		98	0.0	2989	7 0	059		336								
	002		085	0020	236		36596	24	98						336								
			STD	0030	236		3660		98	0.0	2996	5 0	089		338								
			085 ST0	0030	236 236		36596 3660		98	0.0	30036	. 0	149		338								
			085	0050	236		36598		98	00	,,,,,,,,	, 0	147		341								
			085	0059	236		36598		98						343								
			085	0063	222		36664		43						311								
			STD	0075 0075	217		3675 36750		63	00	02396	7 0	217		301								
			085 510	0100	205		3669		93	0.0	2119	7 0	273		271								
			085	0100	205		36689		93						271								
			STD	0125	192		3658		17	00	19000	0 0	323		241								
			085	0125	192		36580		17				2		241								
			510 085	0150	187		3657 36568		30	O.C	01782	3 U	369		5229 5229								
			510	0200	183		3655		38	0.0	1726	9 0	457		5227								
			085	0200	183		36548		38					15	5227								
			STD	0250	182		3654		41	00	01713	1 0	543		5231								
			085 510	0250	182		36538 3653		41	0.0	01721	2 0	629		5231 5237								
			085	0300	181		36531		42	00	31121	. 0	02,		5237								
			STD	0400	177		3650		49	0.0	01686	9 0	799		5243								
			085	0400	177		36503		49						5243								
			510	0500 0500	174		36440		53	0.0	01684	9 0	968		5248 5248								
			085	0552	170		36355		56						5244								
			510	0600	164		3624		63	0.0	01615	4 1	133		5231								
			085	0600	164		36245		63						5231								
			STD	0700	142		3585		80	0.0	01458	5 1	2 B 7		5176								
			085 510	0700 0800	142		35850 3551		80	0.6	01244	6 1	422		5176 5109								
			085	0800	118		35511		03		014				5109								
			STD	0900	092	8	3517		23	00	01034	4 1	536		5028								
			085	0900	092		35174		23						5028								
			STD 085	1000	073		3505 35048		142	01	00831	/ 1	629		4970 4970								
			STD	1100	055		3501		159	00	00656	3 1	704		4930								
			085	1100	059	3	35013	27	759						4930								
			STD	1200	052		3501		768	01	00570	3 1	765		4919								
			085 STD	1200 1300	052		35015 3501		768 773	0.	00522	4 1	U19		4919 4916								
			085	1300	047		35009		773	01	00122	7 1	519		4916 4916								
			510	1400	045		3501		775	01	00502	2 1	871	1	4924								
			085	1400	045		35010		775						4924								
			STO	1500	0 4 3		3500		777	01	00494	0 1	921		4932								
			085	1500	043	0	34998	21	777					1.	4932								

CTAT COOR	ID.	SHIP	LATIFU		LONGITUDE D	sou	ARE	1	GMTI		YEAR	CRUI		ATOR STATE SMUN)N		EPTH TO TTOM	DEPTI	0	BSER	A VE VA NON		WEA- THER CODE	Cro	230		5	ATION
-	no,			1/10	1/10	10*	1"	MO	YAC	19.1/10		100		40 M	£ #	-	_	S'AA PL	S 0:4	- 14	GT PLO	WA	-	TYPI	AMT		-	
318	3028	RC	3311	5 N	072044W	116	32	11 1	4 0	28 1	967	A6	4 00	7		51	21		30	2 3	2	- 1	X 1	8	2			8 000
							AW	TER		ONIN	- BAR	0-	AIR TE	MP. T	- ,	1	١0.	S S D	CIAL									
							CODE	YRANS.	Oik.	08 08 10104	M ET (m)		BULB	W E	t co	ana s	DBS. PTHS	DESCR	MDITAN	2								
									30	508	12	5	206	19	7 7	0	8			1	_							
		MESSENC TIME HP 1/1	W NO	CAR		1	τ	5	٠/	SIGN	A -T		FIC VOLU		≨ ∆ DYN. x 10	M		DCITY	O3 mi	νŧ	PO 4~P		TA L = P + 01/1	NO3-		NO3-H 19 - 01/1	\$1.04=\$1 pg - et/1	ρΗ
			+			1		+		_				\neg		_				_		1			\neg			
		02	0	085	71416	١ ٥.	454	350	107	277	- 6	L		- 1		- 1	1 4	924		- 1		1			- 1			
		02	0	5.1			438	350		277		0.0	0496	4				931										
		02	D	085			412	349		277		00	0470	-				947										
		02	0	51			404	349		277		0.0	0482	2				959										
				51			381	349		278			0473					992										
		0.2	8	085			364	349		278								017										
			-	5.1			335	34		278	15	00	0460	1			150	057										
		0.2	8	085		0	317	349	154	278	15						15	085										
			-	5 T			292	340	94	278	7	0.0	0446	4			15	125										
		0.2	8	085	3224	0.	276	349	930	278	7						15	157										
		0.2		085	13743	0.	247	349	910	278	8						15.	235										
		-		ST		0.	243	349	1	278	8	00	0443	1			15.	278										
		0.2	8	085	4253	0.	239	349	03	278	8						15	321										
		0.2	8	085	14764	0.	231	341	884	278	7						15	408										

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE	SHIP	LATTU	25	LONGITUDE EX	MARSDEN SQUARE	T MOITATE	IME			DRIGINA	ATOR'S		DEFTH	MAX		IVAW	WEA-	CLDUD		NDD	
CODE NO.	CODE		1/10	LONGITUDE BY		MD DAT N	R.1/10	YEAR	CRUISE ND.	S1 N	TATION UMBER		8DTTOM	OF S'MPL	,	HGT FEE SEA	THER	CODES		STATE	ON
318028	RC	3252	ON	071360w	116 21		65	1967	A64	008			5193		31	2 2	X1	0 3		000	9
					COLOR	_	SPEED	MARC	J	ORY TEM	WET	VIL	ND. 085.	SPE	CIAL						
					CODE	(M)	f CRC		1 91	ULE	#UL8	+	DEFTHS	ORSERV	2 NOT A						
	MISSENGE				OT	SD 31	508	11.			167	7	27								
	TIME (M ND.	TYPE		7.7	\$ 14.	SIG	I-AM	AHDM	VOLUA ALT-BIB	,* o	ΔD 7N M 1 10 ³	. SOL	CITY	02 ml/l		101AL-P	NO2-N	ND3~N 25 - 91/1	SI D4-5	H C
					1						+		+-						-		
	065		5T 085	0000	2354 2354	3654 36540	24		0030	0025	0	000	153				,	,	'	'	, ,
	000		5 T I		2354	3654	24		0030	0038	01	030	153								
			085	0010	2354	36544	24	97					153								
	005		511 DB5	0020	2355 2355	3654 36545	24		0030	0097	0(060	153								
	003		510		2355	3655	24		0030	1137	- 01	090	153								
			085	0030	2355	36546	24						153								
			STO		2356	3655	24		0030	235	0	150	153								
			D85	0050 0062	2356 2356	36547 36549	249						153								
			510		2158	3664	256		0024	273	0.2	218	152								
			DB5	0075	2158	36638	256	50					152								
			OBS	0100	2023	3668	260		0050	1551	0.3	274	152								
			STE		1927	36679 3662	260		0018	1666	0	323	152								
			085	0125	1927	36619	262						152								
			510		1892	3661	262		0017	954	03	369	152								
			D85	0150	1892 1854	36611 3657	262		0017	472	0.4	-58	152								
			085	0200	1854	36573	263		.,011	412	0 -	, 10	152								
			STO		1828	3655	264		0017	178	0 5	244	152	33							
			OBS	0250	1828	36551 3654	264		0016	011	0.6	30	152								
			085	0300	1808	36545	264		0010	771	00	990	152 152								
			STO		1766	3648	269	0	0016	735	0	798	152	38							
			085 5TE	0400	1766 1710	36478 3637	265		0016	500	0.0	964	152								
			085	0500	1710	36373	269		0010	909	0 :	704	152								
			085	0558	1657	36265	266						152								
			085	0600	1580	3612	266		0015	685	11	125	152								
			STE		1580 1401	36117 3582	266		0014	231	1.2	75	152 151								
			085	0700	1401	35820	268						151								
			STO		1188	3550	270		0012	507	14	08	151								
			085 510	0800	1188 0950	35499 3521	270		0010	446	1 5	23	151 150								
			DBS	0900	0950	35212	272		0010		1 -	23	150								
			510		0735	3502	274		0008	481	16	18	149								
			085 085	1000	0735	35021	274						149								
			STO		0699	35008 3506	274		0006	663	16	93	149								
			D85	1100	0623	35059	275	, 0					149								
			5TD 085		0547	3504	276		0005	819	17	56	149								
			5T0	1200	0547	35043 3505	276		0005	364	7.5	12	149								
			DBS	1300	0510	35050	277		0003	204	, 0	1 2	149								
			510		0481	3505	277		0005	095	18	64	149	35							
			085 510	1400	0481 0461	35048 3505	277		0004	077	1.0	14	149								
			085	1500	0461	35048	277		V004	722	13	14	149								
							-						,								

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE	SHIP	LATITU	DE	LONGITUDE	SCTR X	MARSDEN	STATION T	IME	YEAR	CRUISE	RIGIN	ATOR'S		DIFTI	DEFI		WAVE SERVATIONS	WEA	CLOUD			HODE	
CODE NO.	CODE	+	1/10	1/1/1	DEUF!	10" 1"	MD DAY	(8,1/10		NO.		UMBER		01108	M S'MPL			6000		1		NUMBER	
318028	80	3233	nΝ	071047w		116 21	11 14	102	1967	A64	009	9		520	5	3.2	2 2	×1	1 0			0010	5
710020	17 14 6 1	32,13	0,4	01104.4				VIND	BAR	0- A	IR TEN	AP, °C	VIS.	NO.	T	ECIAL]						
						CDLO		08 08 08	4-1		ULR	WET	COD	DEFTH		VATIONS							
						OT	50 30	508	<u>`</u>	-+-	96	165	3	26	+		1						
	MESTENG			1	_	1 01	130 130	1000	1 4 4			_	_	-			1		T				
	1344.6	S NO.	CAR	DEPTH	(m I	1 %	s */	SIG	MA-I	SPECIFIC	ALT-810	5, 0	YN. N z 103	VĒ	FOCITA	07 #1/	FO4=F FG + 81/1	1010 L-0		ND3=N 98 - 81/1	\$1 O4=5		, c
	H\$ 1/10				_			+-	-					+-						-	-	+-	-
	1	1	51	0 000	0	2378	3655	24	90	003	0634	4 o	000	15	337	I	1	1	1	1	*		
	10	2	QBS	000	0	2378	36550	24	90						5337								
			ST			2379	3655	24		0031	0701	1 0	030		5338								
			OBS	001		2379	36550 3655	24		003	0771		061		5338								
	00	5	\$1 085	0 002		2380 2380	36549	24		000	0110	5 0	001		340								
	00.	_	ST			2380	3655	24		003	0818	9 0	092		342								
			085	003	0	2380	36549	24	89					1:	342								
			ST			2380	3655	24		003	0899	9 0	153		345								
			085	005		2380	36549 36549	24							5345								
			085	006		2380 2376	36542	24							5348								
			5.1			2337	3655	25		002	9789	9 0	229		339								
			ST	0 10		2086	3659	25		002	2821	0 1	295		5279								
			OB5	010		2086	36590	25					2.0		5279								
			5 T 0 B 5	0 012		1967 1967	3659 36595	26 26		001	9839) U	348		5252								
			ST			1919	3659	26		001	8754	÷ 0	397		5242								
			OBS	015		1919	36592	26							5242								
			ST	0 020	0	1886	3659	26		001	815	в о	489		5241								
			085	020		1886	36587	26							5241								
			ST			1851	3656 36557	26 26		001	7697	2 0	579		5239								
			085 ST	0 0 0 3 0		1827	3654	26		001	7406	5 0	666		5240								
			OBS			1827	36540	26		001			- 00		5240								
			5 T	0 040	0	1789	3651	26		001	708	2 0	839		5245								
			OBS	040		1789	36506	26							5245								
			ST			1747	3643 36431	26 26		001	6959	7 1	009		5249								
			085 085	05 0 05 7		1747 1705	36350	26							5247								
			51			1659	3625	26		001	6520	0 1	176		5237								
			085	060		1659	36251	26	59						5237								
			5 T			1446	3588		79	001	4758	8 1	333		5182								
			085			1446	35880	26		00.	202		1. 7.		5182								
			5T 085			1224 1224	3554 35540	26 26		001	2916	0 1	471		5121								
			51			0963	3523		21	001	0540	0 1	588		5041								
			085	090	0	0963	35230	27	21					1	5041								
			ST			0766	3508		41	000	8520	0 1	684		4982								
			085			0766	35082	27		200		. 1	7/0		4982								
			51			0618 0618	3505 35049	27	59	000	665	9 1	760		4940								
			OBS ST			055B	3505		67	000	5921	B 1	823		4933								
			085			0558	35049	27							4933								
			ST			0508	3505	27	73	000	5340) 1	879		4929								
			DBS			0508	35050	27		000	617		021		4929								
			085	D 140		0477	3503 35034	27		000	2134	+ 1	931		4933								
			51			0447	3501	27		000	497	9 1	982		4937								
			085	150		0447	35014	27							4937								

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

AFFERENCE	SHIP	LATITU	105	LONGITUDE	155	MARS	OEN	STAT	ON T	IME	W7		ORIGIN			DEPTH	DEPT		WAVE		WEA-	CLOUD			NODC	1
CODE NO.	CODE		1/10	1/10	B &	10°	!	MO C			YEAR	CRUI	38 5	TATION		TO TOTTOM		1 00	SERVA TION		NER	CODES	ļ		STATION	
210020	De l	2224			1				\neg			+-					3 MP		HGT PER	ILA .	_	TIPE AM	1			1
318028	I RC I	3214	3 N I	07032 0₩	1 1	116	20			130	1967		4 010	D 48. %	$\overline{}$	5706	_	29	4 2	- 1	X 1	0 3			0011	
						į.	COLOR	TRANS	DIR.	39110	BAR MET	ER	DRY	WET	COD	NO. OBS.	08580	ECIAL VATIONS								
						-	COGE	tre (-	FORCE	(mb	•,	BULB	BULE	1	DEPTHS	007.									
			,				01	5D	32	510	13	5	197	162	7	26										
	MESSENGII TIME	CAST	CARC	QEPTH I	(m)	,	7	s	٠4.	SIGA	4A-T	SPEC	FIC VOLU	Me a	Δ D 103 103	SOI	מאט	01 ml/1	PO4~P	TOTA	1 - P	NO3-N	NO3-N	51 04-5		s
	NR 1/10	1	ITPE									ANC	MALT-EL		z 10 ³	, Afri	DCITY	O 3 MIZT	yg = 61/1	×# *	61/1	μg - et/l	μg − 01/I	ug - et		C
					J															\Box						71
			STE				68	365		249		00	30625	0	000		334					,		•		
	130		085 5T0	0000			68	365 365		249		0.0					334									
			085	0010			68	365		249		00.	30638	, 0	030	153										
			STE			23		365		249		00	30678	0	061	153										
	003		D85	0020		23		365		249					- 0 -	153										
			STE			23		365		249		00	30718	0	392	153	339									
			085	0030		23		365		249		0.0				153										
			085	0050		23	69	365 365		249		00	30825	0	153	153										
			STO			21		365		256		00:	3525	0.	221	153										
			085	0075		21		365		256						152										
			STE			10		365		259		002	20674	0.	276	152										
			085	0100		19		365		259						152										
			085	0125		19		365		261		001	9210	0.	326	152										
			510			19		365		261		001	8690		573	152										
			085	0150		19		365		262		001	0040	0.	,,,	152										
			STD	0200		18		365		262		001	8230	04	66	152										
			085	0200		18		365		262						152	41									
			510			18		365		263		001	7866	0.5	56	152										
			085 ST0	0250		18		365		263 263		001	7811	0.6		152										
			085	0300		18		365		263		001	1011	0.0	45	152										
			STO	0400		18		365		264		001	7518	0.6	22	152										
			085	0400		18		365	26	264						152										
			STD	0500		176		364		265		001	7145	0.9	995	152										
			085	0500		176		364		265						152										
			085	0600		17:		3636		265		001	6981	1.1	66	152										
			STO	0700		154		360		267		001	5565	1.3	29	152										
			085	0700		154		360		267		301		1.0	47	152										
			STO	0000		130	06	3565	ò	269	0	001	3764	14	75	151										
			085	0800		130		356		269						151										
			S10	0900		10:		353		271		001	0931	15	99	150										
			STO	1000		081		3510		271		000	9200	1.6	99	150										
			085	1000		081		3509		273		000	7200	7.0	144	150										
			STD	1100		064		3509		275		000	7035	17	80	149										
			085	1130		064		3509	2	275				_		149										
			STD	1200		056		3509		276		000	6070	18	46	149										
			085 STD	1200		056		3509		276		000	C , C -	, ^		149										
			085	1300		051		3509		277.		000	5450	19	04	149										
			085	1320		051		3509		277.						149										
			085	1325		050		3509		277						149										
			STO	1400		048	36	3504		277		000	5234	19	57	149										
			DBS	1400		048		3503		277	4					149										
			STO	1500		046		3503		277		000	5111	20	09	149										
			DBS	1900		046	55	3502	9	277	6					149	45									

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE	- 1													MAX	,				T			
CIRT ID.	SHIP	LATITU	DE	LDNG!TUDE STORE	MARSDEN	STATION TI	AM E	YEAR	CRUISE		ATION	\dashv	DEPTH	DEPTH		WAVE ERVATIONS	WEA-	CFORD		51	ATION	
CODE NO.		-	1/10	1/10 2	10" 1"	MD DAY H	L1/10		ND.	N	UMBER		MOTTON	S'MPL	5 011	HGT PER SEA	CDDE	TTPE AM	1	N	UMBER	
318028	RC	3154	2N	070075w	116 10		65 IND	1967	A64	011			5712	1	29	4 2	X 1	0 3	1		0012	
					COLDR	THE RESERVE	SPEIG	BAR	U-	IR TEM	WET	VIE	ND. 085.	SPI Dasen	CIAL							
					CDDE	TEANS DIR.	FDIC			LO	BULB	-	DEPTHS	DAJEN	A HOR 1							
-					DT	50 30	510	12	9 20)6	179	7	29									
	TIME O	CAST	CARI	DEPTH (m)	1 %	5 %.	51G	T-AM	SPECIFIC	YOLUA	, ×	A D	so	UND	Q2 m1/1		OTA L-P	ND3-N	NO2-H	SI O4-5	pH	S
14	9 1/10	ND.	TIPE	:		-			ANUM?			103	VEL	OCITY		yg = #1/1	ug = a1/1	ug = e1/1	μ <u>α</u> - στ/1	μg = α1/1	,	c
					1	1			l	_	1		1			1 1	j					11
	165		5T 085		2373	3651 36515		89	0030	743	0	000		335								
	100		51		2373	3651		89	0030	783	00	30		337								
			085	0010	2373	36515		89						337								
	002		5 T 085		2373	3651 365 15		89	0030	823	00	061		338 338								
	002		5.T		2373	3651		89	0030	863	0	92		340								
			085		2373	36515		89						340								
			5T 085		2374	3651 36515		88	0030	971	. 0	154		343								
			51		2374 2372	3651		89	003	017	0.	231		343								
			085	0075	2372	36515	24	89					15	347								
			5 T		2139	3663		64	002	3959	0.	300		294								
			085 51		2139	36625 3660		98	0020	795	0.	356		294								
			085		2007	36602		98	002	, ,		,,,		263								
			ST		1940	3659		15	0019	265	0	• 0 6		248								
			085 51		1940 1893	36593 3658		15	0018	1240	0.1	500		248								
			085		1893	36584		27	001	,,,,,		, , ,		243								
			51		1867	3656		32	001	3049	0.5	91		244								
			0 B 5		1867 1841	36562 3654		32	001	7726	. 04	81		244								
			085		1841	36541		37	001	, , , 0		,01		244								
			5 T		1791	3650		46	001	164	0 8	355		246								
			085 51		1791	36501 3643		46	0016	986	. 17	126		246 249								
			085		1747	36427		51	0010	, , 00		, , 0		249								
			\$T		1682	3631		58	0016	649	1	94		244								
			085		1682 1587	36308 36136		58						244								
			51		1505	3599		74	0015	228	1	353		203								
			085	0700	1505	35992	26	74					15	203								
			51		1268	3561		95	0013	3282	1 1	•96		137								
			085 51		1268 0997	35610 3524		16	001	072	1.0	18		137								
			085	0900	0997	35240		16	001					054								
			085		0809	35118		37	0.00					994								
			085		0786 0786	3509 35088		38	0000	1793	1	717		990								
			085		0711	35057		47						964								
			5 T		0633	3504	27	56	0006	953	1	796		946								
			085 51		0633 0547	35040 3503		56 67	0005		1.1	360		946								
			085		0547	35032		67	000.	. 3 70	1,	-00		928								
			51	0 1300	0506	3503	27	71	0005	449	1	7 1 7	14	928								
			085		0506	35031		71						928								
			085		0488	35029 35029		73						931 930								
			51	D 1400	0478	3503	27	75	0009	182	1 1	70	14	933								
			085	1400	0478	35030		75						933								
			51		0454	3500		75	0005	135	20	21		940								
			085	1500	0454	35005	21	75					14	940								

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

							31-80	028	–С	onti	nu	ed											
CTEY ID.	SNIF	LATITI		ONGITUDE 3	MARSDEN	STATION	TIME (EAR CRUIS		ATOR'S		DEFT	H D	MAX. EFTH OF	085	WAVE ERVATION	s	WEA- INER	CLOUD		Į,	NODC	
318028	BI RC	3154	2N 0	70075W	116 10	11 14		967 A64		NUMBER	_	571	S'A	MPL'S	$\overline{}$	5 2	SEA	X1	97FI AM		N	PHAN	
					COLO	II TRANS	WIND	BARO- METER	AIR TE	MP. C		NO. OBS. DEPTH		SERVAT	AL	, -		^1	, 617	1	1	0013	
					CODI	30		-	206	179	_	0.7											
			CARD	DEFTH (m)	1 %	5 %.	SIGMA		IC VOLU		∆ D YN. M x 10 ³	'	ELOCIT		2 ml/l	PO4-P		TA L-P	NO3-N	NO3-N	\$1 Oa-St	рН	š
	HR 1/1		_	-		-	-	-	_	-	χ 10 ³	+"	ELOCH	-		µg + a1/1		- 01/1	µg = 01/1	μ ₂ = α1/δ	ug - 01/I		č
	21	7	0B5 5T0	T1492 1500	0452 0450									1		'	'			, ,			' '
	21	7	5T0 085	1750 T1754	0407 0406	34986	2779	ı				14	496(0									
	21	7	510 085	2000 2267	0385	3499 34980	2781 2783		477	1		14	4992 5028	2									
	21	7	ST0 0B5	2500 12780	0339 0315	3497 34954	2784 2786		14631	6			5058 5096										
	21		STO OBS	3000 3296	0296 0274	3494 34930	2786 2787		449	9			5126 5168										
	21		0BS 5 T 0	T 38 1 7 4000	0245 0239	34911 3491	2788 2789	000	438	1			5246 5276										
	21	7	085	T4329	0235	34900	2788						5332										
CTET ID.	SHIP	LATITUD		GITUDE SO	MARSDEN	STATION TI		R CRUISE	RIGINA	ATION	\neg	DEPTH	DEFT	TN	W OBSER	A VE VA TIONS	1	NER	CODES		NC STA	DC	
+	-	31556	N 068			1 15 0		NO,	N.L	IMBER	-	0110M	4 3'MP	u's D	26 4	2	· C	1 Ido	0 3		NU	014	
					WAT	ER W	SPEED M	ARO- A	IR TEM			NO.	51	PECIAL	7	1-1	,	~1	0121		1 0	014	
					DT	TEANS DIR.	POICE S	mbs1 80 .32 21	ILB .		7	34	URSE										
-	TIME 0	CAST NO.	CARD Tret	DEPTH (M)	1 2	5 */	SIGMA-T	4 MCUSIO	VOLU#		_	SOL	OCITY	0;	mI/I		IDTA				0.4-5:	рН	5
ŀ	# 1/10							-		X	103	VEEC	OCHT	<u> </u>	\dashv	yg - 01/1	×0 -	e1/1 v(- 01/(yg - et/	g - el/I	,,	ď
	015		STO OBS	0000	2374 2374	3649 36489	2487 2487	0030	961	00	00		335 335	1		'		'	'	,	'		1
			ST0 085	0010	2374	3649 36489	2487 2487	0031	001	00	31	153	337										
	003		ST0 085	0020	2374 2374	3649 36489	2487 2487	0031	041	00	62	153											
			5 10 085	0030	2374	3649 36489	2487	0031	081	00	93	153	340										
			510 085	0050	2374	3649 36489	2487	0031	161	01	55	153	343										
		(085 085	0059	2371	36490 36505	2487					153	344										
			51D DBS	0075	2193	3664	2540 2550	0025	218	02	25	153	304										
			085 570	0079	2187	36636 36636	2550 2552			- 7		153	303										
		(0B5 510	0100	2026	3662 36623 3661	2595 2595 2615	0021		021		152	264										
		(510	0125	1946	36610	2615	0019		03:		152	246										
		(510 510	0150	1906	36600 36600	2625	0018		038		152	239										
		(DBS STO	0200 0200 0250	1877	3657 36572	2630	0018		04		152	239										
		0	085	0250	1849	3657 36569	2637	0017		056		152	39										
		0	510 085 510	0300 0300 0400	1824	3655 36548 3649	2641 2641	0017		064		152	240										
		C)BS	0400	1775	36495	2650 2650	0016		081		152	241										
			510 085 085	0500 0500	1734	3642 36423	2654	0016	707	098	16	152	45										
			510 085	0560	1634	36350 3623	2658	0016	094	115	0	152 152	29										
			085 510	0600 0650 0700	1546	36230 36030	2668					152	808										
		C	285 510	0700	1438	3588 35883	2681	0014		130		151	80										
		C)B5	0800	1185		2703	0012		143		151 151	07										
			510 85	0900	0944		2724	0010	231	155	1	150 150	34										
)BS STO	1000	0734	3505	2741	0008	284	164	4	149	69										
)BS)BS	1000	0634	35046 35000	2743 2753					149	138										
			510 85	1100	0581		2759 2759	0006	560	171	8	149 149	25										
			5T0	1150	0501	3498	2757 2 7 68	0005	539	177		149	09										
		С	85	1200 125B	0490	34990	2768 27700					149											
			5T0	1266	0459	349B	2771 2773	0005	167	163	3	149 149	08										
			85 5TO	1300	0447	3500	2773 2776	0004	958	188		149 149	20										
			STO	1400 1500	0441	3502	2776 2778	00048	326	193		149 149											
		1	BS	1500	0441	35023	2778					149											

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

					_																		
REFERENCE	SHIP	LATITU	IDE.	LONGITUDE	MARSDEN SQUARE	STATION 1	TIME	YEAR		GINAT		4	DEPTH	DEPT		WAVE ERVATION	S	WEA-	CLDUD			NODC	
CODE ND.	CDDE		1/10	1/10	10, 1,	MD DAY		1,77	CRUISE ND.	UN	TION		MOTTON	S, W bf	1	HGT PER		CDDE	TYPE A 461			NUMBER	
318028	RC	3154		067443W	115 17		097	1967	A64 C	13		1	+956		24	4 3		XI	1 0			0015	
. 210020	1110		0.4				WIND	I A B	1.10	TEMP	3".	VIS	NO.	59	ECIAL								
					CDLC	R TRANS DIR	SPEEL OB PORC	4.1				and	DBS. DEPTHS	OSSE	VATIONS								
					DT	50 24	514		_	,	182	3	28										
			_		1	30 2.4	1					_	_			Т	T						77
	MESSENGE TIME I	LCAST NO.	CAR	DEPTH (m)	1 10	5 %.	SIG	NA-1	ANDMALT	-1107	DYN.	M.	VELO		D2 m1/1	PO4=P		01AL=9	NO2=N µg - et/l	NO3-N pg - 01/f	SI Da-1		ć
	HR 1/10						+		-		1		+			+	+		-			+	+
	l	1	I 5Т	0 0000	2338	3643	724	93	00303	152	000	0.0	153	25		1	-	- 1	- 1			1	11
	097		085		2338	36433		93	0030.	-			153										
			51		2338	3643		93	00304	10	003	30	153										
			OBS	0010	2338	36430 3644		93	00304	1.6	006	. 0	153 153										
	002		5T 0B5	0020	2339	36439		93	00 304	, I et	000	, 0	153										
	002		5 T		2340	3644	24	93	00304	81	009	1	153	31									
			085	0030	2340	36439	24						153										
			ST OBS	0 0050	2341 2341	3645 36446		93	00305	143	015	2	153 153										
			085	0061	2341	36460		94					153										
			085	0067	2230	36460		26					153	10									
			ST		2221	3666		44	00258	109	022	2 2	153	-									
			085	0075	2221	36659 3661		86	00218	5.0	028	2 2	153 152										
			ST OBS		2056	36615		86	00210	170	020	2 0	152										
			51		1947	3659		13	00193	174	033	33	152										
			085	0125	1947	36589		13					152										
			51		1902	3657 36570		23	00184	189	038	31	152										
			OB5	0150	1868	3657		32	00176	155	047	7.2	152										
			085		1868	36568		32	001.			_	152										
			5 T		1835	3654		38	00174	24	056	0	152										
			OBS		1835	36540		38	00170	14.3	064	. 4	152										
			51 085		1805 1805	3651 36514		44	00170	103	001	• 0	152										
			51		1760	3646		51	00167	14	08	15	152										
			085		1760	36462		51					152										
			5T 085		1722 1722	3639 36389		54	00166	71	091	32	152										
			085		1664	36271		59					152										
			5 T		1584	3612		66	00157	761	114	+4	152										
			0.85	0600	1584	36120		66		70.0	. 7.		152										
			5 T O B S		1385 1385	3579 35788		85	00141	23	129	, 3	151										
			51		1181	3549		02	00124	52	14.	26	151										
			085	0800	1181	35488	27	02					151										
			51		0931	3518		23	0010	350	15	+0	150										
			OB5		0931	35180 3501		23	00083	15.6	16	34	150										
			085		0723			142	3000.	,,,	10	-	149										
			085	1050	0646	35004	27	52					140	142									
			5.1		0604			58	00066	87	170	9	149										
			085 ST		0604 0524			58 66	00058	353	17	7.2	149										
			085		0524	34995		66	30030	- > 3			149										
			5 T	0 1300	0494	3502	27	72	0005	351	187	28	149										
			OBS		0494	35022		72	0005	167	18	÷	149										
			5T 085		0465 0465			74	0005	101	10	90	149										
			5 T		0446			776	00050	001	19:	31	149										
			085		0446			76					149	37									

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CTRY ID.	SHIP	LATITU	ם ונו	INGITUDE 5	MARSDEN SQUARE	STATION TI	ME	YE AR	CRUISE	GINA	TDR'S	_	DEPTN	MAX. DEPTH	085	WAVE	WEA- THEP	CLOUD	,	N ST	DDC	
CODE NO.	CODE	•	1/10	1/10	10° 1°	MO DAY N	1,1710		ND.	NU	MBER		MOTTOR	Z, M b F .; Ot		HGT PER SEA	CODE	19FE AMT		NU	MBER	
318028	RC	3155	1N 06	6342W	115 16	11 15 1	47	1967	A64	014			5110		24	3 2	X1	0 3		C	016	
					WAT	ER W	IND	84.85	/*	TEMP		vis.	NQ.	SPE	DIAL							
					COLDR	TEANS DIR	SPEED De PDACE	AA ETE			WET BULB		DEPTHS	OBSERV	2 MOR A							
					ОТ	SD 25	516	14	2 24	0	204	7	28									
	MESSENGE	Carr	CARD	1			T		SPECIFIC V	_		ΔD	SDL	IND		PC_4=P T	DTAL-P	ND2-N	ND3-N	\$104-\$1		5
	NR 1/10	NO.	TYPE	DEPTH (m)	1 7	\$ %.	SIC	T-AN	ANOMAL	r-alg?	1 041	△ D. N M.	. ASTO		D2 ml/l		ug - m1/1	ug - at/1	pg - 01/1	yg - e1/t	рН	C
	17.10			 			1					_	1									П
	'		STO	2000	2348	3639	24	87 '	0030	951	00	00	15	327		,	,	,				
	147		085	0000	2348	36389	24							327								
			STO	0010	2347	3639	24		0030	955	00	31		329								
			085 STD	0010	2347 2347	36390 3639	24		0030	986	0.0	61		329 330								
	002		085	0020	2347	36391	24		00,00	,00	0.0	01		3 3 0								
			510	0030	2347	3639	24	87	0031	017	00	92	15	332								
			085	0030	2347	36392	24		0020	021	0.1	E /		332								
			510 085	0050	2347 2347	3643 36430	24		0030	824	0.1	54		336 336								
			085	0050	2347	36480	24							337								
			STO	0075	2154	3663	25	60	0024	218	0.2	23		294								
			088	0075	2154	36630	25							294								
			ST0 085	0100	2028 2028	3663 36629	25		0021	040	0.2	80	157	264 264								
			STD	0125	1922	3662	26		0018	547	0.3	29	15									
			085	0125	1922	36618	26.							239								
			STO	0150	1885	3660	26		0017	962	03	75	152									
			085	0150 02n0	1885	36599	26		0017	140	0.6	62		233								
			ST0 085	0200	1838 1838	3656 36562	26		0017	103	0 4	06		227								
			510	0250	1808	3653	26		0016	320	05	47	157									
			085	0250	1000	36534	26							227								
			STO	0300	1781 1781	3651 36509	26		0016	530	06	31	152									
			OBS STO	0400	1747	3646	26		0016	+27	0.7	95	152									
			OBS	0400	1747	36458	26				-			233								
			STD	0500	1679	3633	266		0016	055	09	58	152									
			085	0500 0552	1679 1607	36335 36188	260						152	212								
			08S STD	0600	1508	3601	26		0014	828	11	12	151									
			OBS	0600	1508	36015	26						151									
			STD	0700	1303	3568	26		0013	184	12	52	15									
			085	0700	1303	35685	26		0011	2/6	1.3	7.6	151									
			STD	0800	1077	3537 35369	27		0011	360	1.3	75	150)68]68								
			510	0900	0872	3516	27		0009	+59	14	79	150									
			085	0900	0872	35165	27	31						007								
			STO	1000	0667	3504	27		0007	322	15	63	149									
			085 085	1000	0667 0601	35038 35020	27							943 924								
			510	1100	0558	3504	27		0005	983	16	29	149									
			085	1100	0558	35038	27	56					14	916								
			STO	1200	0508	3503	27		0005	376	16	85	149									
			085	1200	0508 0457	35030 3501	27		0004	240	1.7	37	149	912								
			ST0 08S	1300	0457	35010	27		0004	, 40		31	14									
			085	1304	0453	35010	27							907								
			STD	1400	0430	3500	27		0004	761	17	85	149									
			OBS	1400 1500	0430	34999 3499	27		0004	455	1.8	32	149	913								
			085	1500	0410	34989	27		3004	,,,	, 0	26		922								
				1-00			-															

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE						L-	MAR	SDEN	51	ATION 1	IME		Ţ	ORIGIN	IATOR'	_	T p.	EPTH	MAX	L.	WAVE	1	EA-	CLOUD				
C787 ID.	CODE	LATITU		LDNO	SOUTH	Dent	sar	PARE		(GMT)		YEAR	CI	RUISE	STATIO	N	7	10	DEPTI OF	ωe3	ERVATIONS	11	ER	CDOES			STATIO	IN .
	2.5	2160	1/10	0 / 5	"//10	1	10"	1'		DAY I	197	1043	+			-	+	\rightarrow	S'MPL		HGP PER SI	LA .	\rightarrow	TYPE AM	-			-
318028	IKC	3159	N I	063	26 W	1	115	15 WA	11 TER		MIND 1 A 1	1967	_	64 01 AIR TE		_	ή.	84		23	4 2	X	1	0 3	ı	- 1	001	17]
								COLDA	TRAI	AF DIS	SPIE		159	ORY	WE	CO	DE			ECIAL VATIDHS								
								-	51		1010		-	229	20		$\overline{}$	0										
			1					DT	1 21	25	514	12	7	228			17	-			т		1					
		T NO.	EAR TYP	D E	OEPIH	(m (1	₹		5 */	SIG	T-AM	11	COFIC VOLU	107	₹ Δ I	M.	VELO	ND CITY	D2 ml/l	PO4-P PB + 81/1	101AL		NO2-H PB - 01/I	NO2-N			н
	HR 1/10	0	-	\rightarrow			+		+-		+		+		+	E 10	+				-	-	+		pg - 4//	1	-	
	1	1	SŦ	0 '	000	Q	2	379	3	538	24	76	10	03192	3	000	,	153	35	l	I	I	- 1			1	1	
	19	7	085		000			379		5375	24	76						153										
			ST 085		001			368 368		538 53 82		80	0	03160	0	003		153										
			51		002			367		539		81	0	03154	0	006		153										
	00	2	OBS		002			367		5392	24							153										
			5T 08S		003			367		339		81	0	03156	2	0094		153										
			57		003			367 368		5395	24	82	0	03154	2	158		153										
			085		005	0	2	368	3 (5412	24	8 2						153	41									
			085		005			369		5424		83						153										
			085		006			186 161		616		50	0	02449	0	228		153 152										
			085		007			161		618		57	·					152										
			51		210			047		663		90	0	02148	6	28		152										
			085		010			047 949		6635		90	0	01922	1	336		152 152										
			085		012			949		618		15	-	01762		,,,,		152										
			ST		015			908		60		24	0	01838	2	38:		152										
			085 51		015			908 871		6605		33	0	01775	4)47		152										
			085		020			871		5591		33	U	01775	0	,,,,		152										
			5 T		025			837		56		39	0	01731	7)56	l	152	35									
			085 ST		025			837		5562		39	_	0.70.				152										
			085		030			814		5548	26	44	Ü	01704	0)64		152 152										
			ST	0	040	0	1	762		548	26	51	0	01664	3	81	5	152	37									
			085		040			762 717		5478 541	26	51	0	01441		98		152										
			085		050			717		5408		57	U	01641	0	70.		152										
			085		057	2	1	653	34	5280	26	63						152										
			51		060			598		517		67	0	01571	1	141		152										
			08S		060			598 351		5170		67	0	01362	6	281		152										
			085		070	0	1	351	31	760		89	-					151										
			085		074			243		5586		98						151										
			08S		077			216 108		5565		10	0	01163	0	414		151										
			085		080			108		5410		10		01100	_			150										
			5.7		090			870		16		31	0	00944	7	520		150										
			085		090			870 654		5162	27		0	00732	0	60		150										
			085		100			654		5012	27			00.52		0 .		149										
			ST	0	110	0	0	556		502	27	64	0	00600	2	670)	149	15									
			085		110			556		018		64						149										
			08S		110			549 509		014		72	0	00532	6	72		149										
			085		120		0	509	3 5	038	27	72						149										
			51		130			468		01		74	0	00505	3	779		149										
			08S		130			468 443		014		74	0	00484	8	826		149										
			085		140			443		010	27		0	00104	~			149										
			ST		150	0		427	3 5	01	27	79	0	00475	0	876	5	149	29									
			085		150	U	0	427	35	800	27	79						149	29									

REFER	SHIP			- E	MARSDEN	STATION			ORIGINA		DEPTH	IA AA		WAVE	WEA			NOOC
CODE	ID. CDDE	LATITU	1/10	DAGITUDE BY			NR,1/10	re ar		MBER	10	0.1	ORY	HGT FLE S	CODE)	HOITATION
318	028 RC	3159	ON O	65268w				967	A64 015		5084		23	4 2	Xl	8 2		0018
					WA	-	SPEED	BARD-		- VI	NO.	5.9	ECIAL					
					COLDS	TRANS. DIE	F OB	AM ETER imbal		WET CO	DEPTH	SOBSER	VATIONS					
						25	514	122	228	208 7	09							
	MESSINGE TIME HR 1/10	CAST ND,	CARD	DEPTN (m)	1 70	5 %.	SIGM	A-1	SPECIFIC VOLUM	₹ △ I DYN. II 10	M	DUNO	D ₂ ml/l	PO 4=P >9 = 01/1	101AL~P		ND3-N	
										1								
	218		085	1420	0441	34996	277	6				919						
			STD	1500	0426	3499	277		0004897			926						
	218		085	T1623	0407	34976						939						
			STO		0399	3498	277		0004805			+957						
			STD		0381	3499	278		0004694			1992						
	218		085	2108	0372	34993						006						
			STD		0330	3496	278		0004553			055						
	218		085	T2624	0318	34953						071						
			5 T D		0289	3494	278		0004409			124						
	218		085	3118	0280	34937						140						
	218		085	T3634	0237	34916						212						
			510		0231	3491	279		0004200			273						
	218		085	T4148	0229	34910						298						
	218		085	T4667	0228	34900						390						
	218		085	T4754	0229	34894	+ 278	8			1.5	406						

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.

												,						MAX					T			
REFEDENCE	SHIP	LATITU	101	LONGITUDE	DELF	SOU	SDEN	\$1	ATION 1	TIAKE	YEAR	CRUIS	ORIGIN	TATION		DEP	TH O	HT43	OIS	WAVE ERVATIONS	WEA-	COOES		\$1	ATION	
CODE NO.	CODE		1/10	1/10	, P &	10*	1.0	MO	DAY	HR_1/10		ND,	,	UMBER		8017	OM St	OF MPL'S	Ďlik,	HGT PIR STA	C005	TYPE AMI		N	UMBER.	
318032	RC :	3506	1N	075030W	П	116	55	12	11	099	1967	A65	00	1		100	06		23	3 2	Х6	0 3	1		0001	
			- '		' '		WA	TER		WIND	BAR	0-	AIR TE	OF TO	VIS	NO	o.	SPEC	TAI							
							COLDE	TRA		SPEE			DRY	WET	COO	DEPT		ESERV.	ABONS							
							OT	5		515		-	31	211	6	34	-									
						_	01	13	0 23	131.	100	T -		_	-	1		1		1						7.
	MISSENGE TIME	CAST NO.	CAR	DEPTH	(m)	T	~		\$ %.	\$10	I-AM	SPECIF	NALT-EI	쌹	YN. M	١,	VELOCI		03 m1/1	PD4-P +8 - 81/1	1074 L-9 10 - 91/1	ND3-N	NO3-N pg - ot/l	SI D4-54 VQ = 01/1	рН	Ĉ
	HR 1/10	1						+		+-		-		-	x 10 ³	+		-+					71			+
		ì		000	_	1,	400		633	1 2/	67	00:	3284	ه ۱	000	١,	1533			1 1						11
	099		5T 085	000			400		6328		67	00.	,204	, ,			1533									
	0,,		5 T				404		633		66	000	299	0 0	032		1534									
			085				404		6330		66						1534									
			51				401 401		6331		67	003	3293	9 0	065		1534 1534									
	003		085 51				397		634		68	00	282	5 0	098		1534									
			085	003			397		6337		68					1	1534	4								
			085	004			386		6346		72				1 4 7		1534									
			ST	0 005			316		633 6329		91	003	3068	6 0	162		1532 1532									
			085	005			192		6279		23						1529									
			51				192		628		23	002	776	4 0	235	- 1	1529	9								
			085	007			192		6280		23						1529									
			085	008			191		6284		24	00.	745		304		1530 1529									
			5T 0B5	010			171		626 6257		527	004	145	o v	204		1529									
			085				158		6279		33						1529									
			5 T	0 012	5		094		622		545	00	2581	2 0	371		1528									
			085	012			094		6217		45						1528									
			085 51				794		6215 612		666	00.	916	1 0	427		1526 1520									
			085	015			794		6117		516	00.	,,,,		- 2 1		1520									
			085			1	576	3	5937	2 (554						1513									
			085				555		5897		556						1513									
			51 085				409		573 5735		575 575	00	1359	8 0	509		1508 1508									
			51				158		542		701	00	1118	9 0	571		1500									
			085		0		158		5417		701						1500									
			085				076		5320		709				621		1498									
			ST				048		529 5 2 94		712 712	00	1~26	0 0	624		1497 1497									
			085 085				969		5207		719						1495									
			51				824	3	510	2	734	00	3825	0 0	717	7	1490	05								
			085				824		5099		734						1490									
			085				664 594		4999 4997		749 758						1484									
			085				517		4921		761						1479									
			51				506		494		764	0.0	0517	8 0	784	4	1479	94								
			085				506		4942		764						1479									
			51				476		496 4957		769 769	0.0	0481	6 0	1834		1479									
			085				473		4951		769						1480									
			085				455		4954		771						1479	99								
			51	D 070	0	0	454	3	496	2	772	00	0465	0 0	881		1480									
			085				454		4959		772						1480									
			085				443		4951		772 773						1481									
			51				427		496		775	00	0439	3 0	926		1481									
			085			0	427	3	4963		775						1481									
			085	083	6	0	424	3	4964	2	775						1481	16								

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

BEHERENCE										1			_		i MAX								
CTEY ID.	CODE	LATITU	OF 1	DNGITUDE	MARSDE	N	STATION TO	AE AE	EAR	CRUISE	IGINA TO	TION	_	DEPTH TO	DEPTI	OBS	WAVE ERVATIONS	WEA-	COOLS		51	ATION	
CODE NO.	10001		1/10	1/10	10"	1° h	DAY H	1/10		NO.	NUA	MBER	+	MOTTO	S'MPL	'S DIR.	HGT FEE SE	CODE	TTPE AMI		NI	JMBER	
318032	I R C	3448	3N 0	74338w	116 4	WATE			67		002	- T	2	981		22	4 2	X 2	013			0002	
					-		-	SPEED OR	MEFE		TEMP.		VIS	NO. DBS.	5.0	ECIAL VATIONS							
					c	DDE	UNI DIR	PORCE	imba		.8 8	ULB		DEFINS	Desty	VAIIDAS							
						T	50 19	518	10	3 23	3 2	21	6									_	
	MESSENGE TIME HR 1/10	CAST ND.	CARD	DEPTH (m	1 7	;	s */	SIGMA	-1	SPECIFIC V	70LUME .1~E10 ⁷	DYN	18) . w	SDU VELO		D 2 ml/l	PO4=P #6 - 91/1	10TA L-P	NO2-N 98 - 01/I	ND3~N	SI-04-Si HB - 01/1	рН	000
			STD.	0000	248	19	3620	2430		0036	348	001	00	153	359								T
			085	0000	248	9	36197	2430							359								
			5TD 085	0010	248		3620 36197	2430		0036	388	00	36	153									
			STD	0020	249		3620	2429		0036	484	00	72	153									
	002		085	0020	249	1	36197	2429	9					153	363								
			5TD	0030	249		3621	2430		00 36	479	010	09	153									
			085	0030	249		36207 36217	2430						153									
			STD	0050	236		3636	2478	3	0031	950	01	77	153									
			085	0050	236		36356	2478		0030	774	0.41	E 2		340								
			5TD 085	0075	228		3650 36497	2513 2513		0028	124	02	23	153									
			STD	0100	217	4	3659	2551		0025	158	03	20	153	302								
			085	0100	217		36587	2551		0021	700	0.3	70	153									
			5TD 085	0125	206		3670 36696	2589 2589		0021	109	03	14	152									
			510	0150	195	4	3665	2616		0019	231	04	30	152	253								
			085	0150	199		36646	2616						152									
			085 510	0178	188		36622 3661	2631		0017	877	05	23	152									
			085	0200	188		36609	2632		0017					240								
			STD	0250	182		3656	2643		0016	960	06	10	152									
			085 STD	0250	182		36562 3653	2643 2648		0016	653	06	9.4	152									
			085	0300	179		36535	2648		0010	0,5,5	00	7.74	152									
			5 T D	0400	173		3642	2654		0016	347	08	59	152									
			085 085	0400	173		36421 36324	2654						152									
			510	0500	158		3615	2669		0015	218	10	17	151									
			085	05 00	158		36149	2669						151	96								
			085 STD	0562 0600	146		35925 3576	2678		0013	400	110	د n	151									
			085	0600	135		35757	2689		0015	409	7.10	50	151									
			085	0642	128	1	35637	2694						151									
			510 085	0700	108		3536 35364	2711		0011	295	12	84	150									
			510	0800	088		3512	2726		0009	825	13	89	149									
			085	0800	088	.4	35117	2726	>					149	994								
			085	0830	082		35036 35021	2728						149									
			510	0900	066		35021	2764		0005	810	14	67	148									
			085	0900	055		35016	2764						148	883								
			085	0950	051		34987	2766						148									
			085 STD	0970 1000	046		34982 3500	2770		0004	964	1,5	2 1	148									
			085	1000	047		34997	2772		000.		2-		148									
			085	1064	046		34992	2773			7.0	1.5		148									
			51D 085	1100	043		3497 34971	2775		0004	749	15	70	148									
			510	1200	043		3502	2777		0004	673	16	17	148									
			085	1200	044		35017	2777						148									
			STD 085	1300	043		3501 35010	2778		0004	620	16	53	148									
			510	1400	043		3500	2779	}	0004	555	170	9	149									
			085	1400	041	3	34996	2779						149									
			STD	1500	040		3499 34992	2780		0004	530	179	5.5	149									
			085	1500	040	2	34445	2100	,					145	10								

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

																						_			
REFERENCE	SHIP			10110111101	~ E	MARS	DEN	5TA	TION T	IME.	YEAR	L	DRIGINA			DEPTH	DEPT		WAVE SERVATIONS	WEA-	CLOND			NODC	
CODE NO.	CDDE	LATITU	1/10	LDNGITUDE '1/10	DELFE	10"	110	MO.T	DAY	18.1710	TEAR	CI	ND. N	NOITA!		IDITOM			HOT PIN H	CODE	CODES	-		TATION	
-												+-			\neg		7			+		-	+		
318032	IRC I	3426	8N I	074050W	1 1	116	44 WA	12		173	1967		AIR TEA		_	3658	1	1 20	5 3	X6	013	1	- 1	0003	
						1	COLDA	THAN	+	SPLIC	D BAB	ER	DRY	WET	CODI	NO. DBS.		PECIAL EVATIONS							
							CODE	(M)	DIK,	FOIC			BULB	BULE	-	DEPTHS	5471								
						- 1	OT	SD	19	530	10	6	219	209	5										
	MISSINGI TIME (CASI	CARD				-	Τ.	.,			58	HCHIC VOLUM	A	A D	501	UND		90 a=P	IOTAL-P	NO2-N	NQ ₃ -N	SI D4-5		5
	HR 1/10	NO.	1496	DEPTH	tm 1	*	t	1 2	٠/	SIG	2 - A M		ANOMALT-ET	, D	rN, M r 10 ³		DCITY	D3 m1/6	µg = e1/1	29 - 81/1	PB - 01/1	yg = 01/1	ug - el/	pН	c
	77.0							1-		+-		t						-						-	$^{+}$
		1	576	0000	0 '	20	84	36	57	25	75	0	022551	. ' 01	000	15	262	1							11
			085	0000			84		567	25						15	262								
			STE				84	36		25		0	022598	0 (25		264								
			085	0010			84		566	25					045		264								
	002		ST0	0020			84	36	566	25 25		0	022636		145		266 266								
	002		510				73	36		25		0	022238	0.0	067		264								
			085	0030			73		587	25							264								
			STO				73	36		25		0	022160	0	112		268								
			085	0050			173		509	2.5							268								
			ST(0075			167	36	52 516	25 25		0	022046	0.	167	15	271								
			510				56	36		25		0	021831	0.	222		272								
			085	0100			56		519	25							272								
			085	0119	9	20	44		500	25							272								
			510				44	36		26		0	019220	0.4	273	15									
			085	0125			144		500	26		^	010345	0.5	220		245								
			ST0	0150			104	36	597	26 26		0	018345	0.	320		238								
			STE				192	36		26		0	018286	. 04	+12		243								
			085	0200			92		589	26							243								
			STE				48	36		26		0	017609	0:	01		238								
			08\$	0250			48		558	26							238								
			5 T (0300			14	36	546	26 26		0	017049	0:	88		237 237								
			5T(66	36		26		0	016655	0.	756		239								
			085	0400			66		490	26							239								
			5T0				06	36		26		0	016345	0 9	921		236								
			085	0500			06		382	26							236								
			ST(0600			01	36	183	26 26		0	015687	10	82		218								
			ST				93	35		26		0	014016	1.4	230		165								
			085	0700			193		826	26		,					165								
			STE				46	35		27		0	012079	1	361		093								
			OBS	080			46		447	27							093								
			STO				882	35		27		0	009558	1	+69		011								
			0BS	0900			882	35	175	27	50	0	007543	3.5	554		949								
			085	1000			83		041	27		0	1007343	1 .	774		949								
			OBS	1080			65		998	27							915								
			STO				67	35		27		0	006135	16	23	14	919								
			085	1100			67		021	27							919								
			085	117			03	34	986	27		0	005438	1.	81		905 911								
			ST0	1200			09		02 035	27		0	1002438	10	-01		923								
			ST				78	35		27		0	005171	1	734		917								
			085	1300			78		017	27							917								
			STO				56	35		27		0	005031	. 1	785		924								
			085	1400			56		009	27							924								
			5T() 1500 1500			26	35	000	27 27		0	004791	18	334		928 928								
			005	1000		04	20	., 0	-00	21	10					14	720								

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

											,	_						I MAX	_								
CTRY 10.	SHIP	LATITU	OE	LONGITUDE	FOC 18	SQU	ARE	\$1,4	IGM!	TIME	YEAR		CHUISE		TOR'S ATION	-	DEPTH	01930	11	WAVE DSERVATIONS	1	MEA-	CODES		51	DUO	
CODE NO.	COOE	•	1/10	* 1/10	0 Z	10°	1.1"	NO.	DAY	H0,1/1([NO.	NI	JARER		BOTTOA	A STAPL	'S 0 a	HGT HII 5	IA C	100	STE AMS		N	MIER	
318032	RC	3407	1 N (73350w		116	43	12	11	208	196	7	A65 1	004			4169		1	7 5 3		х2	0 3		- 1	0004	
310022							WA	7		MIND	14	A RO-	AIR	TEM	P. 10	VIK	NO.		CIAL	7							
							COLOR	TRAN	7 D11	SPEI OI		ETER	BUL		WET	0001	DEPTHS		VATION	S							
							DT	50	15	+		14	21	4	206	5		_									
	MISSINGS							1	1-	100		Ť			1 -	Δρ				1 00 0	Ī						7,
	MESSENGE TIME	NO.	CARD	DEPTN	(m)	T	€		s °/	31	5 M A - 5	- []	SPICHIC V	7-118) O1	10 ³	· VEL	OCITY	03	1/1 PO ₄ =P 1/1 rk = 01/1	1076	81/I	NO3-N	NO3-N NO - 01/1	51 Oa-51 vg + e27	pН	C
	HR 1/10	-		-						+		+					_					-					+
	1	1	ST	000	0	2.	058	36	58	2	583	- 1	0021	808	00	000	15	255		1	1						111
			085	000			058		577		583						1.5	255									
			5.11				058		58		583		0021	845	0.0	21		257									
			085	001			058		577		583							257									
			510				057		58		583		0021	865	00	43		258									
	003		085	002			057 047		577 58		583 586		0021	603	0.0	65		257									
			085	003			D47		583		586		0021	000				257									
			085	003			019		586		594							250									
			510	005	0	2	009	36	60		598		0020	562	0.	107		251									
			085	005			009		603		598							251									
			5 T (008		61		599 599		0020	546	. 0.	159		255									
			085 510	007			008		614		599		0020	6.2 n	0.3	210		259									
			085	010			007		612		599		0020	000		- 10		259									
			510				946		60		514		0019	284	0 4	60		246									
			085	012			946		599		514							246									
			STI				188		59		530		0017	852	0.3	306		232									
			085 ST0	0150			881 854		587 57		530 536		0017	4 B 1	n	395		232									
			085	0201			854		572		536		0017	401	0.	,,,		232									
			ST				825		55		541		0017	141	04	81		232									
			085	025			825		546		541							232									
			510				798		53		546		0016	817	0:	66		232									
			085 ST0	0300			798 746		526 46		546		0016	418	n :	732		232									
			085	0400			746		456		554		0010	410		25		232									
			510				694		36		559		0016	255	0.8	396		232									
			085	050	0	1	694		356		559							232									
			510				519		04		575		OD14	901	10)51		191									
			085	060			519		038		575		0013	77.	, .	192		191									
			510	070			298 298		66		593 593		0013	210	1	72		131									
			510				038		31		714		D011	104	1.3	314		053									
			085	080			038		307		714						15	053									
			085	084			897		149		726							007									
			510				809		0.0		735		0009	013	1 4	+15		982									
			085	090			809 654		085		735 751		0007	3 0 3	1.0	496	-	982									
			ST0	100			654		015		751		0007	<i>5</i> U Z		* 7 0		937									
			510				538		99		764		0005	957	15	63		907									
			085	110	0	0	538	34	991	. 2	764						14	907									
			510				478		99		771		0005	293	16	19		899									
			085	120			478		986		771 774		0005	010	3.6	70		904									
			510 085	130			448		984		774		00000	010	10	- (0		904									
			511				431		98		776		0004	896	1	720		913									
			085	1400			431		982	2	776						14	913									
			5 T [418		99		778		0004	780	1	768		925									
			085	150	0	0	418	34	987	2	778						1 4	925									

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE	SHIP				DEFF COC 16	MARSOEN	Т	STATION TI	M E	YEAB	_		ATOR'S	-	OEPTH TO	MA		WAVE ERVATIONS	WEA	CLOUD	T	1.	NOOC STATION	
CODE NO.	COOE	LATITU	1/10	EONGITUDE 1/10	88	10. [1.	+,	ON DAY H	1,1/10		NO.		OITATE	R	BOTTON	A STAFF		HGE PER SI				- 1	NUMBER	
318032	RC	3350	2N I	073025w	\Box	116 33	, 1	2 12 0	03	1967	A65	00	5		4609		20	4 3	X 2	0 3			0005	
1 310032	1110	,,,,	2.4	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	' '		VAT		INO	DATE	0-	AIR TE	MP C	Tyrt	NO.	T	ECIAL							
						COL		TEAMS DIR.	59EE-	1-4		ULE	WET BULL	COD	OBS.		2 MOIT AVE							
						DT	-	50 20	523		9 2	16	206	5 5		1								
	MISSINGI		CAR					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	T			C VOLU		¥ ∆ ¤	50	UND		PO q=P	TOTAL-P	NO ₂ -N	NO1-N	5104-5		5
	MISSINGS TIME (HR 1/10	NO.	TYPE		(m)	2.1		5 1/4.	SIC	MA-1	ANON	ALT-1	B ⁷	2 103	VEL	OCITY	0 2 ml/l	pg = a1/1	ug = 81/1		yg + e1/1	μg = 01/		c c
	17.10																							71
	1	•	ST	000	0	2009	1	3658		96	002	053	0 (0000		242								
			085	000		2009		36581		96	000	05/	- ,	0020		242								
			5T	D 0010		2009		3658 36582		96	002	056	, ,	3020		244								
			51			2010		3659		96	002	059	6 (0041		246								
	002		085	002	0	2010)	36586		96						246								
			ST			2009		3659 36591		97	002	056	9 (0061		247								
			085	0030		2009		3660		97	00.2	061	7 (102		251								
			085	005		2010		36599		97					15	251								
			ST			2010		3661		98	002	063	7 (0154		255								
			0B5	007		2010		36609 3661		98	002	073	9 (0206		255								
			085	010		2010		36607		98	002	0.5				259								
			ST	0 012	5	2008		3660		98	002	085	8 (258		263								
			085	012		2008		36597		98	001	798	0 (306		263								
			085	015		1888		3659 36592		29	001	178	9 (9000		234								
			ST			1859		3657		35	001	758	1 (0395		233								
			085	020		1859		36575		35			_			233								
			ST OBS	0 025 025		1818		3656 36557		44	001	689	5	0481		230								
			5 T			1796		3653		547	001	669	9	0565		231								
			085	030	0	1796		36535	26	47						231								
			5 T			1754		3648		553	001	646	8	0731		235								
			0B5	040 D 050		1754		36476 3639		553	001	615	1	0894		235								
			OBS	050		1699		36386		60						234								
			085	055		1643		36276		65						225								
			ST OBS	060°		1559		3611		572 572	001	523	5	1051		205								
			ST			1351		3577		590	001	357	3	1195		150								
			085	070	0	1351	l	35767	26	590						150								
			ST			1094		3538		710	001	161	8	1321		074								
			085 ST	080 0 090		1094		35377 3512		710 730	000	959	0	1427		002								
			085	090		0861		35122		730	000	, , ,	•			002								
			085	093		0810		35035		731						987								
			ST			0697		3503 35031		747 747	000	782	2	1514		955								
			OBS ST			0697		3500		762	000	622	8	1585		918								
			085	110		0565		35005		762					14	918								
			ST			0483	3	3499		771	000	535	1	1642		901								
			08s			0483		34987 3503		771 774	0.00	508	9	1695		901								
			OBS			047		35026		774					_	916								
			ST	D 140	0	0447	7	3500		776	000	494	0	1745		920								
			085			044		35005		776	0.00	4.75	0	1793		920								
			5T 0BS			0422		3500 34997		778 778	0.00	475	7	1193	_	927								
			003	100	-	0 7 2 2										, _ '								

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE	SHIP		T	- 5	MAR		STATI	IT MC	WE			ONGIN	ATOR'S		DEPTH	MAI		W	AVE ATIONS	WEA-	CLOUG			NODC	
CODE NO.	CODE	LATITU	1/10	FONGITUDE BA	10"	T J*	a I a M			YEAR	CRUI		TATION	ļ	BOTTON		- 1 '		# PER SEA	CODE	TIPE AME			NUMBER	
	0.5	2220			116	32	-		37	1967	A6	5 00	6		4956		1		1	X 2	0 3			0006	
318032	IKCI	3329	SIN I	712357WI I	110	WA			INC	BAR		AIR TEA		J.,	NO.		ECIAL	ή'	1- 1	,		'	,	00001	
						COLOR	TRANS.	OIR.	OR FORCE	54 E T I	ER	DRY	WET	000	ORS. DEPTHS		VA TION	N S							
							-	1.0	525	14	-	221	211	\vdash		-		-							
					1	DT	301	18	323 T	114	<u> </u>			Λ 0	╁		_		1	1				T	T.
	MESSENGR EIME	NO.	TYPE	DEPTH (m)	T	Έ.	\$	4.	SIG	1-AN		IL VOLU	M. O	△ 0 N. M 10 ³	. VEL	OCITY	02 "		PO ₂ P yg - c1/1	101A L=P	NO2-N 29 - 07/1	NO3-N 98 - 81/1	51 O4-5	įн	ć
	H9 1/19				+		+		-				-		+-				-					1	+
	l	1	5TI	0000	2	066	365	9	25	81	00	2195	3 0	000	15	258	1	- 1	1	'	,			1	1.
			085	0000		066	365	86	25	81						258									
			STO			064	365		25		00	2193	5 0	021		259									
			085 STI	0010		064	365 365		25		00	2191	n n	043		259									
	003		0B5	0020		059	365		25		00	2171	, 0	. 4 ,		259									
	002		085	0021		034	365	76	25	89						252									
			ST			032	365		25		00	2125	9 0	065		253									
			0B5 ST	0030		032	365 365		25		00	2119	7 0	107		253 257									
			085	0050		031	365		25		• •					257									
			511	0075	2	026	365		25		00	2120	0 0	160		259									
			085	0075		026	365		25			2075	7 0	213		259									
			5 T I	0100		011	366 366		25		00	2075	/ 0	- 13		260									
			STI			928	366		26.		00	1868	4 0	262		241									
			085	0125		928	366		26							241									
			STO			908	366 366		26 26		00	1830	9 0	308		240									
			005 5TI	0150		877	366		26		0.0	1785	7 0	399		239									
			085	0200		877	365		26		-	1.05				239									
			511			844	365		26		00	1741	0 0	487		237									
			085	0250		844	365 365		26 26		0.0	1698	, n	5 7 3		237									
			5TI	0300		811	365		26		00	1070	• 0	,,,		236									
			085	0364		792	365		26							241									
			ST			768	364		26		00	1670	0 1	741		239									
			OBS	0400		768 706	364 363		26 26		00	1634		907		239									
			5TI	0500		706	363		26		00	1034	5 0	7 U f		236									
			511			601	361		26		00	1573	2 1	067		218									
			OBS	0600		601	361		26							218									
			511			448	359 359		26		00	1463	5 1	219		183									
			085 511	0700		195	355		27		0.0	1260	6 1	355		111									
			085	0800	1	195	355	05	27	01					15	111									
			ST			949	351		27		00	1057	6 1	471		036									
			085 085	0900		949	351 351		27							036									
			511			733	350		27		00	0818	4 1	565		969									
			OBS	1000		733	350		27							969									
			085	1017		703	350		27			0 / 7 7				960									
			5T	D 1100 1100		599	350 350		27 27		00	0672	0 1	639		932									
			51			528	350		27		00	0574	0 1	702		920									
			OBS	1200	0	528	350	17	27	68					14	920									
			511			485	350		27		00	0532	4 1	757		919									
			085 5T	1300 0 1400		485	350 349		27		0.0	0505	2 1	809		921									
			0B5	1400		449	349		27		, ,	,		,	14	921									
			5 T	0 1500		431	349		2 7		00	0491	4 1	859		930									
			085	1500	0	431	349	92	27	77					14	930									

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

IO.	COOE	LATITU		ONGITUDE	Design No.	MARSDEN	STATION TIL		YEAR	CRUISE	51	ATOR'S TATION	\dashv	TO TO SOTTOM	DEFTH OF S'MPL"	085	WAVE ERVATIONS	THER	CODES			NGDC STATION NUMBER
+	0.5		1/10	1/10	+		MO DAY HI			NO.		UMBER	\rightarrow		S'MPL"	_	HG# PER SE	A	TIPE AM	7		
18032	IRC I	3310	/N O	72059W	1 1	116 32 WA		71]	1967		OO 7			NO.		18	3 2	X 1	0 3	1	1	0007
						COLON	TEANS. OIR.	SPEED		ER O	RY	WET	CODE	OBS. DEPTHS	OBSERV	CIAL A BONS						
						CODE		528		_	ILB	209	7	51,								
		T		1	-	101	50 17	320	14		_	-	<u> </u>	 -								
	MESSENGE TIME NB 1/10	NO.	TYPE	OEPTH	(m)	1.6	s *4.	SIG	MA-T	SPECIFIC ANDM	VOLUA	iji di	Δ. M.	YELO	CITY	0 2 mt/l	PO4=P v8 = 61/1	10141-F	NO3~N HB - 61/1	NO3-N NB - 61/1	SI O4-5	
	NB 1710	-					1					+		+	-							-
	ı	1	510	0000	, '	2085	3660	25	77	0022	361	. '00	00	152	263		1 1		' '	1	l	1
			085	0000		2085	36598	25						152								
			5T0 085	0010		2084 2084	3660 36601	25		0022	344	- 00	22	152								
			STO	0020)	2084	3660	25	77	0022	391	00	144	152								
	003		085	3020		2084	36600	25		0007				152								
			5TD 085	0030		2084	3660 36603	25		0022	411	00	67	152								
			510	0050	}	2077	3660	25	79	0022	305	0.1	11	152	69							
			085 510	0050		2077	36603 3660	25		0022	234	0.1	67	152								
			085	0075		2071	36604	258		0022	230	, 01	10	152								
			STD	0100)	2065	3660	258	8 2	0022	221	0.2	23	152	274							
			085 085	0100		2065	36598 36600	258						152								
			510	0125		1996	3659	260		0020	621	0.2	76	152								
			085	0125	5	1996	36587	260	00					152	59							
			STD	0150		1961 1961	3662 36617	26		0019	621	. 03	26	152								
			085	0168		1924	36618	26						152								
			085	0171		1899	36607	26						152								
			510 085	0200		1879 1879	3660 36599	26:		0017	894	04	20	152								
			510	0250		1848	3657	26		0017	555	05	09	152								
			085	0250		1848	36566	26						152								
			STD	0300		1818 1818	3654 36537	264		0017	213	05	96	152								
			STD	0400		1767	3649	265		0016	637	07	65	152								
			085	0400		1767	36495	26						152								
			STD	0500		1712	3640 36397	265		0016	376	09	30	152								
			085	0550		1671	36297	266						152								
			510	0600		1598	3617	266		0015	729	10	91	152								
			085 085	0600		1598 1499	36167 35997	266						152								
			085	0665		1489	35987	26						151								
			STO	0700		1401	3585	268		0013	981	. 12	39	151								
			085 085	0700		1401	35855 35712	268						151								
			STD	0800	}	1144	3543	270		0012	192	13	70	150								
			085	0800	}	1144	35427	270	05					150	92							
			STD OBS	0900		0960 0960	3525 35247	272		0010	366	14	83	150								
			5T0	1000)	0754	3507	274	41	0008	442	15	77	149	77							
			085	1000		0754	35067	274						149								
			OBS STD	1088		0616 0616	35006 3504	275		0006	664	16	52	149								
			085	1100	}	0616	35045	279	59	5000	504		,,,	149	39							
			085	1118		0589	35002	275		0005	017	1.7	1.5	149								
			510 085	1200		0527 0527	3500 35005	276		0005	91/	1 /	15	149								
			OBS	1240)	0498	35009	27	71					149	15							
			STO	1300		0480	3500	271		0005	345	17	71	149								
			085 085	1300		0480 0466	34997 35006	271						149								
			STD	1400		0455	3499	277	74	0005	142	18	23	149	23							
			OB5 STD	1400 1500		0455	34992 3499	277		0004	022	1 0	73	149								
			085	1500		0431	34991	271		0004	722	10	13	149								

4CE	SHIP				- = MA	RSOEN		ON T			0	RIGINAI	OE'S	1	DEPTH	MAI		WAVE	WE	- CLOUD	, [NOOC	ì
10.	COOS	LATITU	1/10	LONGITUEE '1/10	50 NA	UARE	MO C	GMTI AY H		YEAR	CRUISE HO.		A FION I M SER		TO TOTTO	DEPTI OF S'MPL	000	ERVATIONS [HGT] PER] SI	THE			5	UMBER	
32	RC	3310	7N 0	72059w	110					967		007			5128		19	3 2	X 1	5 8			0008	
						WA		٧	SPEED	BARO	-	IR TEAR		vis.	NO. 085.		ECIAL							
						COLOR	TRANS.	OIR.	FDECE	METER			W ET	CODE	DEPTH	OBZER	VATIONS							
								17	528	150	21	19	209	6	05									
	MEISENG TIME HR 1/18	NO.	CARD	DEPTH I	n1	1 %	5	٠/٠.	SIGM	A =1	SMCIFIC	VOLUMI LT	. 0	∆ 0 103		OCITY	02 m1/1	PO4-P 119 = 01/1		P NO3-N 1 1/9 - at/1	NO3-N		рΗ	
							1		1				+					+		1	 			۰
	102	2	085	1110		0610	350	26	275	8 ,			'		14	937		I	,	'	1	1		
			STO	1200	(0555	350	2	276	5	0006	097			14	930								
			STE	1300		3504	35u	1	277	0	0005	5550			14	926								
			510	1400	()464	350	1	277	4	0005	155			14	926								
	10.	2	085	T1438		3452	350	00	277	6					14	927								
			STO	1500		3444	350	2	277		0004	880			14	935								
			STO	1750	- 0	3414	350	5	278	3	0004	+490			14	965								
	10;	2	085	T1781		3411	350	52	278	4					14	969								
			510	2000) (3389	350	2	278	3	0004	+593			14	996								
	10;	2	085	T2157		3374	3.49		278							016								
			STO			3341	349		278		0004	698				061								
	102	2	QB5	T 2545	(337	349	60	278	4					15	066								

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

								40.00.00				OBIGIN	ATO#'S	-		MAX	1	WAYE	WEA-	CLOUD				
CTOY	ID.	SHIP	LATITU	DE		MARSI SOUA	ARE .	STATION T		YEAR	CIUISI	5	TATION	\dashv	DEPTH TO #DTTOM	DEPTH	047	ERVATIONS	THER	CODES			ODC ATION	
CODE	NO.			1/10	1/10	8 10°		MD DAY H			NO.	 	CUMBER	\rightarrow		2 WLF.	-	HGT PER SEA	-	ETPE AMI				
318	032	RC	3253	5N	071355w	1116	21 1		58 VIND	1967		OO AIR TE		1	5176 NO.	_	19	4 2	X1	013	ŀ	(009	
							CDLDa	TEANS DIE	SMIC	DAR MET	ER	DRY	TSW	CODE	0.01		CIAL							
						-	CODE	UN1	1010	1 Ume	-	OLE	0010	7	Der 1117	-								
	-		т —			$\overline{}$	DT	SD 18	530	15	T .	34	217	1	٠,									T
		ABSSENGS TIME Q	CAST ND.	CARD		1 T	7	3 %.	SIG	T-AM	SPECIFI	C VOLU	# D	△ 0 M. M K 10 ³		DCITY	0.7 m1/1	PO4-9 18 - 01/1	TDTA L-P	NO2=N vg = 81/i	ND3-N	SI O 4-51	pН	000
	- 1	HR 1/10	-	-		-		-	+		-			K 10	+									H
	- 1		1	511	0000	20	195	3665	25	78	002	223	4 0	000	15	266		'	'		'			1
				085	0000		95	36651		78					15	266								
				STI	0010		94	3664		78	002	229	9 0	022		267								
				OBS	0010		194	36643		78		207	2 0			267								
				51			92	3663		78	002	237	3 0	044		268								
		003		085 ST	0020		92	36632 3661		78	002	233	0 0	067		268								
				085	0030		184	36614		78	002		0 0	-0.		268								
				ST			79	3661	25	80	002	226	9 0	111		270								
				085	0050		79	36615		80						270								
				51			79	3662		80	002	235	5 0	167		274								
				085 ST	0075 0100)79)68	36616 3661		80	00:	218	5 0	223		274								
				085			168	36613		83	002	10	, ,			275								
				ST			928	3664		22	00	856	6 0	273	15	241								
				085	0125		928	36636	26	22						241								
				5 7			889	3661		30	001	789	0 0	319		234								
				085	0150 0200		889 847	36609 3657		30	00	730	7 0	407		234								
				ST 085			847	36573		38	00.	1150				230								
				ST			319	3655		343	00	1695	9 0	493		230								
				085			819	36552		643				_		230								
				5 T			796	3654		548	00	1669	0 0	577		231								
				085			796 751	36536 3647		548	0.0	1642	1 0	742		231								
				ST 085			751	36472		554	00	1042	1 0	. 42		5234								
				ST			694	3637		559	00	1617	4 0	905		5232								
				085			694	36367		659						5232								
				085			665	36308		562						5226								
				085			640	36259 3603		564 572	0.0	1520	6 1	062		5223								
				51 085			529 529	36027		672	00	1250	0 1	002		5194								
				51			321	3572		693	00	1328	6 1	205		5140								
				085			321	35722	2	693						5140								
				5 T	D 080		118	3545		711	00	1156	5 1	329		5083								
				085			118 917	35446 3520		711 727	0.0	0996	R 1	437		5083								
				ST 0B5			917	35199		727	00	0,,,	, ,			5024								
				51			712	3508		749	00	0761	77	525		4961								
				DB5			712	35082		749						4961								
				51	D 1100		619	3506		760	00	0658	32	596		4941								
				085			619	35062		760 768	0.0	0579	7	658		4941 4930								
				51			552 552	3506 35056		768	00	021	, ,			4930								
				D 8 9			507	3505		773	00	0529	93	714		4929								
				DB3			507	35055		773						4929								
				51			468	3503		776	0.0	0500	8 0	176		4929								
				083			468	35035 3503		776 778	0.0	0489	0.1	181		4929 4937								
				0B5			447	35026		778	00	040.	, ,			4937								

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

											,					MAI								7
REFERENCE CIET 10.	SHIP	LATITU	301	LONGITUDE	DEIFT	SQUARE	١	STATION TH		YEAR	CRUISE		ATOR'S TATION	\dashv	OEPTH	DEPTH	OIS	WAVE SAVATIONS	WEA-	CLOUD			NOOC	
CODE NO.	COOE	•	1/10	* 1/	0 2	10"	1"	MO DAY H	1.1/10		NO.		IU MBER		BOTTON	S'MPL"	S DIR	HGT HE SIA		TYPE AMI			NUMBTR	
318032	RC	3232	3 N	071061	4	116 2	1	12 12 1	95	1967	A65	00	9		5194		19	3 3	X1	0 3			0010	
							WAT	E9 W	INQ	BARC)- <u> </u>		NP C	VIS	NO.	SPE	CIAL							
							LOB	TRANS OIR.	SPEED OR FORCE	METE (mbs	R C	TFB DBA	WET	COD	OBS. DEPTHS	OBSERV	ATIONS							
							Т	50 21	525	16	9 2	32	219	7										
	MESSENGE					T	_			100			_	V D	1			T					T	T _a
	EIMI	CAST NO.	CARI	GEPTH	l (m l	1 70		s */	SIGA	T-AA	SHEHIO	ALT-EI		∆ D vn. M x 10 ³	. A\$f	00117	02 mi/l		HE - 81/7	NO2-N 98 - 01/1	NO3-N	51 O4~5	ρH	c
	HR 1/10			-			_		_						-	-		 	-	-			+	+1
	ţ	1	1 5T	0 000	0.0	210	1	3664	251	76	002	245	1 0	000	15	268		1	1	- 1			1	11
			085			210		36642	251		002					268								
			ST	0 00:	0	210	0	3664	257	76	002	246	2 0	022		269								
			085			210		36642	257							269								
			ST			209		3664	251		002	248	2 0	044		270								
	002		085			209		36642	257		003	25.7/		047		270								
			5T 08s			209		3664 36642	251		002	2021	0	067		272 27 2								
			51			209		3664	257		002	2591	6 0	112		275								
			085			209		36642	257		002		- 0			275								
			5.1			209		3664	257		002	267	3 0	169		279								
			085			209	7	36637	257						15	279								
			085			209		36635	257					_		283								
			51			207		3663	25E		002	2313	3 0	225		278								
			085			20 7		36632 3660	258		001	20.	7 0	276		27B 241								
			51 085			192 192		36597	261		001	304	, ,	210		241								
			51			189		3659	262		001	9244	4 0	323		236								
			085			189		36587	262							236								
			5.1			185	7	3657	263	35	001	7554	4 0	412	15	233								
			085			185		36572	263							233								
			5 T			182		3655	264		001	723	3 0	499		233								
			085			182		36547	264		001			5 m c		233								
			085			180		3653 36531	264		001	5918	5 0	585		234 234								
			ST			175		3648	265		001	5571	9 0	752		236								
			085			175		36477	265				-			236								
			5 T	D 050	0	170	4	3638	265	8	001	5298	9 O	916	15	235								
			085			170	4	36382	265							235								
			51			156		3610	266		001	647	3 1	J 75		206								
			085	060		156		36097 3576	266		001		. 1	223		206 156								
			5 T			136 136		35757	268		001	.01.	4 1	- 23		156								
			51			109		3538	270		001	169	7 1	351		076								
			085	080		109		35379	270							076								
			51	0 090	0	086	2	3515	273	3 1	000	942	3 1	457	15	003								
			085	090		086		35147	273							003								
			51			068		3504	274		000	1586	8 1	542		951								
			260 12	100 0 110		068 057		35043 3503	274		0000	5104	6 1	611		951 924								
			085			057		35032	276		000	2270	. 1	~11		924								
			5.1			048		3500	277		000	529	7 1	668		904								
			085			048		35005	277							904								
			ST	0 130	0	044		3500	277		000	901	1 1	719		903								
			OBS			044		34997	277							903								
			5.11			041		3498	277		0004	4713	5 1	767		908								
			085 510	140 0 150		041		34983	277		0004		7 7	914		90B 916								
			085	150		039		3498	277		000	, 20	1	14		916								
			003	150		034		34711	211	4					14	710								

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE	SHIP LATITUDE			LONGITUDE	100	MARSDEN	STA	STATION TIME		TEAR	F	DRIGIN			DEPTH	DEPTI		WAVE SERVATIONS	WEA- THER	CLOUD		Π,	NDDC	
CODS NO.	CODE		1/10	* 1/10	8 0	10° 1°	MD	DAY H	R.1/10	ILAK	CRI	UISE S	TATION		EDTTON	S'MPL		HGT PER STA		TYPE A MI	-	1	NUMBER	
318032	RC	32140	N C	70350w			12			1967	A	65 01)		5198		22	3 2	X1	0/3			0011	
. 510052	1110	32140		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , .		ATER		IND	BAR		AIR TE		VIS	NO.		ECIAL	- -	,			'		•
	CDLD	YEAR	DIR	SPEED	MET	ER	DAY	WET	CDD	OBS. DEPTHS		VATIONS												
		DT	SD	21	517	18		223	218	6	+	_												
						101	130	121	1	110	_					L								7.7
		및 ND.	CARD	DEPTH I	m J	1 6	1 :	./**	SIG	1-AW	SPE	CIFIC VOLU	#F 0	∆ D 7N. 4 ₹ 10 ³	VEU	DCITY	D2 ml/	PD4=P ug = 61/1	TOTAL-P	NO3-N	NO3-N	SI D4-50		ŝ
	HR 1/10			-	-				+		-			X 10"	+-			1					-	
		1	STO	0000	1	2175	36	6.2	25	53	0.	02458	2 0	000	15	287	l						1	Į I
			085	0000		2175		617	25			02.70				287								
			510	0010		2175	36		25	54	0	02456	6 0	024		268								
			OBS	0010		2175		625	25							288								
	000	,	5T0	0020		2175	36	63 625	25		0	02460	> 0	049		290 290								
	002	2	510			2175	36		25		0	02463	5 0	073		292								
			0B5	0030		2175	36	626	25	54					15	292								
			STE			2178	36		25		01	02478	5 0	123		296								
			0B5	0050		2178	36 36	627	25		0.	02483		185		296 300								
			510 085	0075		2179		637	25		01	02463	5 0	10>		300								
			510			2177	36		25		01	02488	7 0	247		304								
			OBS	0100		2177	36	636	25	54					15	304								
			510			1974	36		26		0	01993	9 0	303		254								
			OB5	0125		1974 192B	36 36	605	26			01893	7 0	352		254 245								
			510 085	0150		1928		597	26		0	01093	, 0	222		245								
			5 T C			1879	36		26		0	01792	1 0	444		239								
			085	0200		1879		596	26							239								
			510			1841	36		26		0	01741	8 0	532		236								
			085	0250		1841	36 36	562	26 26		0	01708	. n	618		236								
			510 085	0300		1612		535	26		0	01,08	4 0	010		236								
			510			1771		50	26		0	01672	9 0	7B7		240								
			085	0400		1771		496	26							240								
			510			1715	36		26		0	01645	0 0	953		239								
			085 085	0500		1715		397 328	26 26							239								
			STO			1614		19	26		0	01591	4 1	115		222								
			0B5	0600		1614		192	26		•		•			222								
			STI			1416	35		26		0	01435	6 1	266		172								
			OBS	0700		1416		846	26		0	01243	0 1	400		172								
			5TI 0B5	080 080		1178		4B 482	27		0	01243	7 1	400		105								
			STI			0919		20	27		0	00998	1 1	513		025								
			085	0900		0919		202	27							025								
			STE			0719		05		45	0	00802	1 1	603		963								
			OBS	100		0719		050	27		_	00//0	, ,	. 7.		963								
			5TI	110		0606 0606		022	27		0	00668	2 1	b 76		935								
			510			0551		05	27		0	00578	6 1	738		930								
			085	120		0551	35	055	27	68					14	930								
			ST	130	0	0516		05	27		0	00546	1 1	795		932								
			085	130		0516		049	27		0	00515	2 1	848		932								
			5 TI	140		0480		04	27 27		0	00515	3 I	048		934								
			511			0447		02		78	0	00489	9 9	898		937								
			085	150		0447		024		78					14	937								

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE	1		_		1 -1		DEAL T					_	ONGIN	14.70.83			MA	x.	WAVE	_		C.Our				7
CTRY ID.	CODE	LATITUE	DE I	LONGITUDE S		SQU	ARE	\$1 A	(GMT)	IAKE	YEAR		DISE 5	STATIO	N	DEFT	H DEPT	H 01	SERVATIONS		WEA-	CODES			NODC	
CODE NO.	1001		1/10	* 'E/10 " E		10*	1"	40	DAY	18,1/10		1	10.	NUMBI	R	80110			NGT PER SI	EA.	COOF	MA PIE	1	-	NUMBER	-
318032	IRC I	31550N 070060W				116,		12 13 022					65 01			512		22	2 2		X1	013			0012	!
						}	COLOR	TRAH	+-	SHI	D BAI	10-	AR TE	MP. C		NO.	51	PECIAL EVATIONS								
							CODE	SMI	S DIR.	FOR			BULB	anr.	1 600	DBS	AS CHREE	RVATIONS								
							OT	50	24	51	7 20	16	227	22	1											
	MESSINGO	CAST	CARD	DEPTH	f= 1		τ		s °/	-	T-AM	SPE	CIFIC VOLU	2 ME	≨ △ D	5	OUND	O2 m1/8	POa~P	101	A L ~ P	NO3-N	NO3~N	SI Oa-	Sı	
	MESSINGS TIME I HR 1/10	NO.	TYPE	UZPIN	DMI		_		3 744	216	,ma~1	A	NDM ALT-FT	103	x 10 ³	,. \ v	ELOCITY	O y mire	24 = 01/l	νę	4 g1/I	νg = 01/1	μg = 01/1	98 - a		1
												T														П
			STD				197		69		53	0	02466	3	0000		5293									
			085	000			197		687		553	0	02470	2	0024		5293 5295									
			5T0	001			197		687		553	0	02470	2	J V Z 4		5295									
			5 T D				197		69	25	553	0	02474	1	0049		5296									
	0.05	!	085	002			197		687		553						5296									
			OBS	003			197 197		69		553 553	0	02478	U	0074		5298 5298									
			510				197		69		553	0	02485	8	0123		5301									
			085	005			197		687	25	553					1	5301									
			STE				197		69		53	0	02494	7	0186		5305									
			085	007			197 194		688		553	0	02511	6	0248		5305 5308									
			085	010			194		667		552						5308									
			510				999		64		03	0	02035	0	0305		5261									
			085	012			999	-	636		03						5261									
			085 STD	014			979		652		09	0	01933	1 (3355		5258 5253									
			085	015			955		636		15		01,33	•			5253									
			085	017			907		602		24						5242									
			STD	020			372		58		32	0	01788	3 1	0448		5237 5237									
			085 ST0				372		55		38	0	01742	5 (9536		5235									
			085	0250	0	18	337		547	26	38						5235									
			510				300		53		46	0	01685	4	0622		5232									
			085	030			800 750		527		52	0	01658	2	2789		5232 5233									
			085	040			750		447		52	0	01036			1	5233									
			STD				695		35		58	0	01634	5	0953		5232									
			085 STD	050			595 584		347		67	0	01568	0	1114		5232 5212									
			085	060			584		129		67	0	01508	7			5212									
			STO				404		81		82	0	01435	1	1264		5168									
			085	070			+04		812		82						5168									
			085 085	073			311 278		668		91 95						5142 5134									
			STE				200		51		700	0	01266	7	1399		5113									
			085	080	0	12	200	35	510	2	700		_			1	5113									
			STE				929		17		722	0	01041	7	1514		5028									
			OBS STO	090			729		166		722	0	00834	2	1608		5028 4963									
			085	100			720		800		742	,	-000	-			4963									
			085	104		0.6	546		017		753						4942									
			OBS	110			599		03		760 760	0	00655	1	1683		4932 4932									
			STE				529		01		767	0	00581	4	1744		4921									
			085	120			529	35	009	21	167					1	4921									
			STD				85		01		772	0	00530	7	1800		4919									
			085	130			485 459		011		772 775	0	00505	9	1852		4919 4925									
			ST0	140			459 459		011		775	U	00205	0	1002		4925									
			STO				431	35	00	2 *	777	0	00487	0	1901	. 1	4930									
			085	150	0	0.4	431	34	999	2.	777					1	4930									

\vdash	REFERENCE SNIP LATITUDE			LONGITUDE	2 5	MAR	DEN	STAT	ION T	1ALE	TEAR	L	ORIGIN			コ	DEPTH	DEPT		WA:			WEA-	CLOU			NODE		
C187	ID.	CODE	CATIF	1/10	1/10	MOC	10°	I I°				IEAR			STATIO NUMB			TO MOTTOM	OF S'MPI		ING!			CODE	TTPL	-		NDITATE RZEMUN	
21	8032	0.0	3155	-	070060w		116	10	-	-		1967		65 01	1		٦,	5128		22	1	2		X1	6 6			0013	1
1 21	0032	I KC I	2122	UN I	070000	1	1110				DNIN			AIR TELLS				NO.	r -] - 1	-		1 ~ 1	, 0 , 0	, ,	- 1	0012	1
								COLOR	OR TRANS DIR			SPEED MET		ER DRY		FT COD		OBS.	00000	SPECIAL DESERVATIONS									
							CODE	UR1			(m)		BULB	BUI	\rightarrow	_													
										24	517	20	16	227	22	1	7	06	<u> </u>										
		WESSENCE	CAST	CAI		/m.1	,	+	£ 5.		916	1-AM		MCING ADTON		\$ 4	0 4		סאט	02 ml/	, P	04~1		OTAL-P	HO3~F	NO3~N	5104-		5
		N# 1/10	NO.	IAI	ME OTF IN			_	1 1		3,0			HOMALT-ET	۰,	3		VELO	DCITY	03	F 2	μ μ - α1/1		µg = 01/1	µg − 01/	ug - at/) ag = 01.	T PN	c
													Т													1			
		033	3	08	5 T127	0	0	503	35	32	27	72						14	920	•	,		,			·	•		
				5	TD 130		0	495	350		27			00530					922										
				51				469	35			75		100508					928										
				51				446	350			78	0	00489	6				935										
		03:	3	085				428		19		79							943										
				51				409	35		27		_	00469					962										
				S1				381	350	0.0	27	83	0	00460	0			14	992										
		0.33	3	085				368																					
				51				335	34			86	0	100449	1				058										
		0.33	3	08	266	9	0	321	340	771	27	86							001										
				51	ID 300	0	0.	293	34	94	27	87	0	00444	6			15	126										
		033	3	085	321	1	0.	279	349	38	27	88						15	156										
		033	3	085	T 374	9	0.	254	34	955	27	91						15	240										

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE				SDEN .	STATION TIME					ORIGII	R15		DEPTH	MAX			T WEA-	CLOUD		Т,	ODC					
CTRY ID.				DAGITUDE B	\$00 10°	SDEN	MO DAY NE			TEAR	c	BUISE	STAT	ION	\neg	TO MOTTOM	OEPTH OF S'MPL'	041	ERVATI HGT FL		THER	CODES		51	HOITA	
1			1/10	068562W		-			93	196	7	A65 01			1	5103	1	_	2 2		X1	0 3	1		0014	
318032	IRCI	31545N 068562W				18 1	ER WIND		IND		RO-	AIR TE		τ	VIL	NO.	5.01	ECIAL	,- ,-	l.	,			,		
		COLOR	TRANS.	DIR	1916 DB	O ALE	TER bal	DRY		/E1		OES. DEPTHS	OBSER	VATIONS												
						DT	50	25	512		18	226	2	19												
	MESSENGE	CASI	CARO	OSPIH (m)	Τ.	°C	s			T-AM	1,	MICHIC VOL	UME	₹	Δ D.	SOU		O2 m1/1	PO	-P	101AL-P	NO2-N	NO3-N	\$1 Da-\$1	ρН	1
	MESSENGE FIME NR 1/10	NO.	TYPE	OEFTH (m)		· ·	,	***	SIC	-MA-1	\perp	ANDMALT-1	107	1	103	ÁEFO	CITY	02 8171	10.	61/1	## = 81/E	#2 - 01/I	νη = α1/l	#g = 01/1	971	Š
									1		1			1		1	201	ļ		ŀ						[]
			510 085	0000		176	365			645 645		002535	3	00	00		286 286									
			510	0010	2	174	365	2	2 5	546		002532	8	00	25	15	287									
			085 510	0010		174	365			46		002536	. 6	0.0	50		287 288									
	002		085	0020		174	365			546		002770	, ,			15	288									
			STD	0030		175	365			546		002543	3 2	00	176		290									
			085 5T0	0030		175	365 365			546		002543	3 7	01	27		290									
			085	0050		172	365	15	2 !	547							293									
			STD	0075 0075		169	365 365			548 548		002543	3 3	0.1	90		296 296									
			085 510	0100		161	365			551		002518	34	02	253		298									
			085	0100		161	365			551		00212	14	0.2	311		298 269									
			510 085	0125		031	366			593 593		00212	90	0.5	> 1 1		269									
			5 T D	0150	1	959	365	9	26	510		001974	8 +	03	363		253									
			085	0150 0175		959	365			510 522							253									
			510	0200		898	365			526		00184	50	04	58	15	245									
			085	0200		898	365			526		00180	7 0	0.5	50		245									
			510 085	0250 0250		872	365			631 631		00180	0	0.	, 50		245									
			510	0300	1	839	365	5		638		00176	36	06	39		244									
			085 5T0	0300		1839 1779	365			638 649		00168	5.9	26	311		244									
			085	0400		1779	365			649						15	242									
			STD	0500		1741	364			653 653		00168	11	0 9	980		247									
			085 51D	050J 0600		1667	362			659		00165	10	11	146		240									
			085	0600		1667	362			659							240									
			51D 085	0700 3700		1468 1468	359			677 677		00148	9 T	1 -	303		190									
			510			1294	356			692		00136	13	14	446		146									
			085	0800		1294	356			692 710		00118	10	۱ ،	573		146									
			51D 085	0900		1073	353			710		00110	37	1.	,,,		082									
			510			0853	351			729		00097	95	16	581		015									
			085 085	1000		0853 0799	351			729 736							998									
			085	1035	(799	350	75	2	735							000									
			510			0654 0654	350			750 750		00075	7 1	1	768		954 954									
			085 085	1100		3549	349			762						14	923									
			510	1200	į	0536	349			764		00061	51	1	536		923									
			085	1200 1261		0536 0507	349			764 769							923									
			085	1270	(0508	349	99	2	769						14	924									
			510			3478	349			771 771		00054	66	14	694		916									
			085 510	1300		0478 0454	34			774		00051	30	1	947	14	923									
			085	1400	-	0454	34	992	2	774		000/0	2.4	1.4	000		923									
			510 085	1500		0427 0427	341			777 777		00049	26	1,	998		928									
			000						-																	

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE CTET ID. CODE NO.	SHIP	LATITU	OE 1/10	OHGITUDE	80 2	ARSDEN QUARE	_	STATION TO		YEAR	COUR	1	DITATO	N	٦.	DEPTH TO OTTOM	MAK, DEPTN OF S'MPL'S	1	WAVE	WEA THER CODE	COORS		- 5	ATION UMBER	
318032	0.0	3154		67456W	11	_	1			1967	A 6	-			+	938	2 WALE-2	26	PIE S	X1	0 3	-		-	
1 310032	INCI	31)4	014 0	01430#	1 111		ATE		MIND	BAR	1	AID TE			Ť	NO.			15 12 1	1 ^1	1 013	1	1	0015	
						COLO	79 T	MANE OR	SPEED	MET	ER	Ott	WE	co	is.		SPEC Daseav	ATIONS							
						OT	-	5D 01	507	`	-	214	19					-							
	MESSENCE	T					4		1307	120					_										77
	MESSENGE TIME MR 1/10	H NO.	TYPE	DEPTH	in)	1 %		\$ 1/4.	SIG	M A -T	AHO	MALT-1	10.7	¥ ∆ DYN. x 10	ж. э	AETO 200		03 41/1	PO4=P	TOTAL P	NO2-N	HO ₃ -H HB - AI/E	\$1 04-\$1 up - 01/1	pН	c c
	78 1/10				_		+		+-				+		_	_	-			_	-	-	-		+
	1	' '	STD	0000) '	2123	- '	3652	25	61	00.	2389	3	000	0	152	72		1	I	1		1		LI
			0B5	0000		2123		36523	25							152									
			STD	0010		2118		3652	25		002	2379	5 1	002	3	152									
			OBS STD	0010		2118		36523 3653	25 25		00:	2381	5	004	7	152									
	002		OBS	0020		2118		36526	25		004	. 501	,	, , ,	′	152									
			STD	0030		2115		3653	25	63	002	2376	2 (007	1	152									
			0B5	0030		2115		36527	25				_			152									
			5TD 085	0050		2109		3652 36518	25 25		00.	2374	7 (011	8	152									
			STD	0075		2102		3654	25		002	352	5 (171	8	152									
			085	0079		2102		36537	25							152									
			STO	0100		2051		3660	25		002	2183	0 1	0234	4	152									
			OB5 STD	0100		2051		36602	25		00.	20/2	,	220	,	152									
			085	0125		1991		3660 36598	26		002	2042	1 '	028	1	152									
			STD	0150		1948		3660	26		001	943	8 (33	7	152									
			085	0150)	1948		36597	26	13						152	50								
			510	0200		1889		3659	26		001	821	3	043	1	152									
			08S 5TD	0200		1889 1861		36589 3657	26 26		00	784		052	1	152 152									
			085	0250		1861		36569	26		00,	,,,,,	0 '	J J E .	-	152									
			STD	0300		1829		3654	26		001	743	4 (000	9	152									
			085	0300		1829		36543	26							152									
			STD	0400		1773		3649	26		001	1676	5 (78	0	152									
			OBS STD	0400		1770 1737		36487 3643	26 26		001	675	4	941	а	152									
			085	0500		1737		36427	26		60.			, , , ,		152									
			OB5	0560		1705		36363	26							152									
			STD OBS	0600		1639		3625	26		00	609	0	111.	2	152									
			STD	0600		1639 1421		36247 3586	26 26		00:	1438	0	126	5	152 151									
			0B5	0700		1421		35857	26		00,	. + 20		220	,	151									
			STD	0800)	1169		3547	2.7	04	00	231	8	139	8	151	I C								
			0B5	0800		1169		35475	27		0.0		e	16.	,	151									
			5T0 085	0900		0908		3514 35139	27		00	1025	כ	151	7	150									
			510	1000		0667		3500	27		0.00	760	6	160	0	149									
			085	1000		0667		35000	2.7							149									
			085	1024		0620		34997	27							149									
			STD	1100		0587		3501	27		000)653	0	107	1	149									
			085 085	1100		0587 0520		35006 35003	27							149									
			STO	1200		0506		3500	27		000	1558	3	173.	2	149									
			OBS	1200)	0506		34997	2.7	69						149	11								
			STD	1300		0460		3498	27		000)517	8	178	5	149									
			085 5TD	1300		0460		34983 3500	27		0.07)496	0	183	6	149									
			085	1400		0445		34999	27		000	,470		.03	0	149									
			STD	1500)	0433		3501	27		000)483	3	188	5	149									
			OBS	1500)	0433		35007	27	78						149	31								

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

									,			ATOR'S	-		MA			1 .	T =	T			
REFERENCE CTRY ID.	SHIP	LATITU	DE	LONGITUDE	MDCTB	MARSDEN	STATION IGM	TIME	YEAR	CRUIS		TATION		DEPTH TD	DEPT		WAVE SERVATIONS	WEA-	Cronp		57	ODC ATION	
COOR NO.	CODE		1/10	* '1/10	0 8	10° [1°	MD DAY	HIL1/1	5	ND.	1	UMBER		BOTTDA	A S'MPI	"S DIR.	HGT PER SEA	CDDE	TTPE AM		NI	IMBER	
318032	90	3154	5 N	066336w	Π,	115 16	12 13	225	1967	A6!	01	4		4707		34	1 3	X1	013			0016	
. 310032		7174	J., .			W	TER	WIND	EAI	o- L	AR TE		VIR	ND.	SP	ECIAL							
						COTO		S#E 0 FOR	ED MET	ER	DRY	WET	cap	ORS. DEPTHS	COSE	VATIONS							
						DT	5D 3	_		_	203	188	\rightarrow	+	+								
		_				101	1 20 12	1 30	2 63			<u> </u>											T
	MESSENGE TIME	LCAST NO.	CARD		(m)	1 10	\$ %.	. 50	GMA-T	AND	MALT-11	ME C	E A D YN. M I 10 ³	L SO	OCITY	02 mV	PO4-P VE = 61/1	TOTAL -P	NO3-N	HO3-N HB - 01/1	\$1 D4-\$1 99 + 01/1	ρН	Š
	HR 1/10	1					+			-		-	X 10*	-			+			-			+
			1	_	_	2100	2/52	١	E / 2	-	2554	2 0	000	1.5	288	I					1 1		11
			5 T OB5	D 000 000		2186	3652 3652		543 543	00	2004	<i>5</i> 0	000		288								
			51			2185	3653		544	00	2554	5 0	0 2 5		290								
			085			2185	3652		544	00		_			290								
			5 T			2179	3653	2	546	00	2540	3 0	051	1.5	290								
	003		085	002	0	2179	3652		546						290								
			5 T			2179	3653		546	00.	2541	4 0	1076		292								
			085			2179	3653		546	0.0	364.0	1 0	127		292								
			51			2177	3652 3652		546 546	00	2549	1 0	1261		294								
			085 ST			2174	3654		548	00	2542	4 0	1191		298								
			085			2174	3653		548	-					298								
			085			2173	3653		548						299								
			ST		0	2099	3655		569	00	2346	5 (1252		282								
			085			2099	3654		569				205		282								
			5 T			1949	3658		612	00	1951	9 (305		246								
			085			1949 1908	3657 3659		612 6 2 3	0.0	1851	7 (353		239								
			5 T 0 8 S			1908	3658		623	00	10,1		,,,,		239								
			5 T			1867	3657		633	0.0	1777	3 ()444		236								
			085			1867	3657		633					15	236								
			5 T			1841	3655		637	00	1749	9 (532		236								
			085			1841	3655		637						236								
			51			1812	3653		643	00	1710	2 ()61e		236								
			085 ST			1812	3653 3650		643 650	0.0	1681	4 (788		242								
			085			1777	3650		650				, 00		242								
			ST			1749	3645		653	00	1683	4 (956	1 1 5	5250								
			085			1749	3645	5 2	653						5250								
			5 T			1702	3637		658	00	1667	6	1124		5251								
			OBS			1702	3636		65B	0.0	1567	1	. 0.4		5251 5223								
			51			1565	3611 3611		670	00	1567	1 .	l ≤ 8 5		5223								
			085			1565 1499	3599		676						5208								
			51			1358	3576		688	00	1405	9	1434		5169								
			085			1358	3575		688					15	5169								
			ST			1065	3531	2	710	00	1177	8	1563		5079								
			085			1065	3531		710						5079								
			5.1			0764	3506		740	00	0863	1	1665		4981								
			085			0764	3506		740	0.0	0663		1742		4981 4941								
			085			0620 0620	3506 3505		759	00	0003				4041								
			51			0531	3502		767	00	0579	3	1604		921								
			OBS			0531	3501		767						4921								
			51			0486	3502		773	00	0527	5	1859		4920								
			085			0486	3501		773						4920								
			51			0468	3502		775	00	0510	15	1911		4929 4929								
			089			0468	3502 3499		1775 1777	0.0	0494	5	1961		4929 4930								
			51 085			0430			777		U - 7 -				4930								
			000	100	- 4	0-30	3 - 7 0																

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE	T									Τ'	2015::		_	_	MAX							
ter IO.	CODE	LATITU		LONGITUDE	DIEFT	MARSOEN	STATION	TIME	TEAR	CRUISE	S	ATOR'S		OEPTH TO	DEPTE	H OBS	WAVE SERVATIONS	WEA	COURS		12	ATION
+	-		1/10	1/1		10" 1"	MO OAY	*		_ NO.	N	UMBE	l .	80110M	Z'MPL	'S OIR	HGT PIR SI	COD	E STPI AAA	7	N	UMBER
318032	I RC I	3155	4N (065247 _H		115 15	12 14 ATER	035 WIND	1967					4707	<u> </u>	23	2 2	X 1	0 3	1	- 1 -	0017
						COLO	R TEAMS OF	3 192 5	D MET		ORY TEA	WET	V15.	NO. 085.		ECIAL VATIONS						
						COO	(m)	PORC			ULB	BULE	+	DEPTHS	01364							
						TO	SD 26	508	3 24	T	12	180	_	Ļ }								
	MESSENGE TIME O NR 1/10	NO.	TYPE	DEPTH	6m1	7.7	\$ */**	SIC	T-AM	SPECIFIC ANDM	VOLUA	MP E	E △ D NN. M X 10 ³	. SON		O2 ml/t	PO4=P ug = 61/3	TOTAL=8	NO3-N Ng - 61/1	NO3-N sg - st/1	\$1 O4=\$1 uR = 01/1	pN
							1	+				+										
			STO			2198	3654		41	005	5779	9 C	000	152			,					
			085 5TC	000		2198	36537 3654		41	0025	5818	3 0	025	152								
			085	001		2198	36537		41					152	93							
	003		510 085	002		2199	3654 36537		41	0025	5884	• 0	051	152								
			STD			2199	3654		41	0025	5923	3 0	077	152								
			OBS	003		2199	36537		41					152								
			5TD 085	005		2197 2197	3654 36537	25 25		0025	946	0	129	153 153								
			5 T O	007	5	2189	3652	25	42	0025	969	0	194	153	01							
			085 085	007		2189 2185	36517 36517	25 25						153								
			STD	010	0	2171	3652	25		0025	584	0	258	153 153								
			085	010		2171	36517	25						153	01							
			085 085	010		2169 2082	36518 36499	25 25						153								
			5TD	012	5	2021	3665	25		0020	824	0	316	152								
			085 510	012		2021	36647	25					_	152								
			085	015		1939 1939	3661 36608	26 26		0019	129	0	366	152								
			5TD	020	0	1881	3658	26		0018	066	0	459	152								
			085 510	020		1861 1848	36582 3656	26						152								
			085	025		1848	36556	26 26		0017	621	0	548	152 152								
			STD	030	0	1812	3653	26	43	0017	138	0	635	152								
			085 5TD	030		1812 1769	36527 3648	26 26		0016			805	152 152								
			085	040	0	1769	36478	26		0010	1009		005	152								
			510	050		1731	3641	26		0016	749	0	973	152	44							
			085 085	050		1731 1709	36408 36375	26 26						152 152								
			STO			1662	3627	26		0016	416	1	139	152								
			085 085	060		1662	36275	26						152								
			STD	070)	1596 1485	36137 3595	26 26		0015	053	. 1	296	152 151								
			085	070)	1485	35955	26		0015	-,,	•	- , 0	151								
			0B5 510	075		1387	35787	26			201			151								
			085	080		1224	3556 35557	26 26		0012	791	1	435	151								
			OBS	084)	1079	35361	27	11					150	75							
			5TD 085	0900)	0944	3522 35217	27 27		0010	302	1	551	150 150								
			085	0950)	0864	35142	27						150								
			510	1000)	0749	3504	27	40	0008	591	1	645	149	75							
			085 085	1000		0749	35036 34995	27-						149								
			510	1100)	0594	3500	27	58	0006	654	1	721	149								
			085 085	1100		0594 0506	35003	27						149								
			510	1200		0506	34960 3497	27		0005	687	1	783	149								
			085	1200)	0499	34970	27	67					149								
			STD OBS	1300		0481	3501 35006	27		0005	295	1	338	149	18							
			STD	1400)	0481	35006	27		0004	979	18	389	149								
			085	1400)	0451	35007	27	76					149	22							
			510 085	1500 1500		0436 0436	3500 34999	27		0004	931	15	939	149								
								_ /						149.	14							

CTHY ID.	COOE	LATITU	DE LO	HGITUDE	SOU	ARE	STATE	MTI		£A\$		TAT		DEF1H 10 101107	UEFI	H OBS	WAVE ERVATIONS	C001	CODES		2.	DODC TATION IUMBER	
318032	RC	3155		5254W	115	US WAT	12 1 ER	4 (967 BARI METI	Es Ost	MP W	27 ZIV		SP	-	2 2	×1	8 1			0018	
						COOE	Left 1	26	508	24		-	80 7	DEPTN:						,			
	MESSENGE TIME MB 1/10	CAST NO.	CARD	DEPTH (m	T	7	2	٧.	SIGMA	-1	SPECIFIC VOLU	m€ e²	≨ Δ 0 0γN. 4 x 10 ³	SC VEI	OCITY	02 mL/1	PO 4-P sig = 41/1	101AL-F		NO3-N sg = 01/1			
									1					1								l	ĺ
	041		OBS	T1261		511	350		277		0005/0	۵			922								
			STD STO	1300 1400		501 477	350 350		277		000540				924								
			510	1500		-55	350		277		000506				939								
			510	1750		409	350		278		000477	5		14	962								
	041		085	1757		408	350		278						962								
			510	2000		379	349		278		000463	9			991								
	041		085 510	T2243 2500		360 357	349		278		000492	0			024								
	0.41		085	2712		355	349		278		000472	7			102								
	041		510	3000		352	349		278		000543	3			150								
	041		085	T3163		263	349	24	278	8				15	141								
	041		085	3620	0.	226	349	23	279	1													

TABLE X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.

REFERENCE CTRY ID.	SNIP	LATITUDE			DEST		ARE	STATIO	ATI		YEAR	CRUISE	5	ATOR'S		OEPTH TO FOITOA	OEPT H	01	WAV AV#32	TIONS	WE THE	EØ L	CODES		5	NOOC FATION UMBER
COOF NO.	1	1/10	1	1/10		10°	J., J.	MO CA	Y HR,37	10		NO.		NU MBER		FOITON	S'MPL	S OR	HGT	PER 31	A	٠ <u>.</u> ۲	ITPS A-MIT		_ N	OWALK
311262	2 ME	31545N	06	5252w		115	15	05 07	098	3 1	968	A66	00	1		4847	15	02			2 X	8	6 8		- 1	0019
	_						WA	TERL	WIN		BAR	0	AIR SE	MP C	J .,,	NO.	596	CIAL	1							
							COLOR	TRANS. C	100.	013	AR ET		ORY	WET	000	OFS.		ABONS								
							CODE		-	1340	(min	41 1	IOLE	_	+-	-	-		-							
							1	0	2 5	11	21	3 2	00	200	5	14			<u></u>							
	MISSINGE	CAST C	ARO	OEPTH I		Ι,	8	\$ */		SIGM		SPECIFI	c volu	ME S	AN.	50	UND	02 ml/	, PC	04-P	101AL-	-P 0	NO2-N	NO3-N	S1 O4-5	
	HE 1/10	NO. T	ABE	OEF IN	UM E	'		* ^	"	31UM	A-1	ANON	ALT-11	B' C	# 10 ³	, AEP	OCITY	O2 M17	` ×#	- 61/1	wg = 61)	7 1	ug = 61/1	μg = 01/1	yg - 01/l	pН
	114 1170			1												\neg						+				
	1	١ ١ ,	STD	0000	n	1 2	014	3656	. 1	259	2	002	082	2 0	000	1 15	243		- 1	1		1	,		t	1
	098	Oi		0000			014	3655		259		002	.002	2 0	000		243									
	070		510	0010			011	3662		259		00.2	034	0 0	021		245									
			STD	0020			008	3666		260			001		041		246									
	098		35	0029			007	3667		260		002	, , , ,	. 0			247									
	0,0		TD	0030			000	3668		260		001	969	7 0	061		246									
			510	0050			971	3669		261			899		099		241									
	098	0.0		0051			970	3668		261							241									
			STD	0075			935	3666		262		001	835	1 0	146		235									
	098	0.8	35	0076	6	1	934	3666	3	262	2					15	235									
		:	5 T O	0100	0	1	904	3663		262	7	001	792	3 0	191	15	230									
	098	01	35	010	1	1	903	3662	8	262	.7					15	230									
			STD	0125	5	1	862	3659	, ;	263	15	001	725	5 0	235	15	222									
			STD	0150	0	1	832	3656	, ;	264	0	001	688	6 0	278	15	217									
	098	01	3.5	015	2	1	830	3655	3 :	264	0					15	217									
			STD	0200	0	1	811	3653	1 :	264	4	001	671	7 0	362	15	219									
	098	0.8	3.5	020	2	1	810	3653	3 2	264	4					15	219									
			5 T O	0250	0	1	800	3650) (264	4	001	688	0 0	446	15	224									
		5	TD.	0300	0	1	783	3646	, ;	264	5	001	690	7 0	530	15	227									
		:	STD	0400	0	1	724	3639) ;	265	4	001	636	4 0	697		225									
	098	0.0		T040	3	1	722	3639		265							2 25									
			STO	0500			636	3623		266		001	582	5 0	858		213									
	098	0.8		0509			630	3621		266							212									
			5TD	0600			475	3594		267		001	465	4 1	010		176									
	098		35	T0600			464	3591		267			2.0				173									
			5TD	0700			230	3555		269			270		147		107									
			STD	080			005	3527		271		001	078	0 1	264		041									
	098	01		0810			984	3525		271		00-			200		0 34									
			STO	0900			789	3515		274			821		359		975									
			STD	1000			631	3508		276		000	648	0 1	433		929									
	098		35	1100			622 582	3507 3504		276 276		000	621	, ,	496		926									
			STD	1100			541	3504		216 276			590		557		926									
	000		STD	1200			515	3501		216 276		000	1390	- I	251		926									
	098		55 510	1265			502	3501		216 277		000	557	2 1	614		926									
			STO	1400			464	3500		277			521		668		927									
			5 T D	1500			429	3499		277			489		719		929									
	000							3499		277		000	709	- 1	. 17		930									
	098	0.0	33	T1516	0	0	424	3479	1 4	112	f					14	720									

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REFERENC	El		_		MARSDEN	1 174	ION T	141			ORGIA	ATORS	,		MAX							_
COOL NO	CODE	LA TITUD	/10 L	ONGITUDE 1/18		MO	IGMTI		FAST	Cani	56	STATION NUMBER		HTTOM NOTTOM	DEPTH OF 5'MPL'S		WAVE ERVATIONS HGT MR SE	THER CODE	CLOUD CODES		NODO STATIO NUMBE	N
31126	zl ME	31520	ΝΙο	66348W		ATER		YIND	1968		6 00 AR 18			4755	16		1 2	X1	8 2		002	0
					COL	TEAMS	DIR.	SPREC OR FORC	MET Jubi	ER	BULB	WET	CODI	NO, OBS. DEPTNS	SPEC	TONS						
	MESSEM.	CAST	CARD	DEPTN (m)		+	36	515		·	194 BC VOU	172	8 △ M	14								
	NR 1/	5 NO. I	TYPE	OFFIN IN	7 7	1,	*/	SIG	MA-I	ANO	PC VOLU	DYI	10 ³	VELO	CITY	02 ml/1	PO ₄ =F u ₀ = a1/1	101AL=P #8 - 41/1	NO2-N #8 - #VI	NO3-N	SI OA-SI NB - BI/I	H G
	1	1 1	STO	0000	2003	36		25		00	2040	6 00	00	152			1 1		١			- 11
	14	2	510 510	000 0 0010 0020	2003 1999 1995			25 25 25	98		2039 2033		20	152	41							
	14	2	85 5TD	0026	1993		69	25 26	99		1989		61	152 152 152	42							
	14	2 (STO	0050	1924	366	0	26 26	20		1845		99	152	27							
	14		STO BS	0075 0077	1898	366	0	26 26	27	00	1789	5 01	45	152	24							
	14		STD B5	0100	1868	36	5	26 26	31	00	1759	4 01	89	152	19							
			5T0 5T0	0125 0150	1845 1829	36	5	26 26	36		1715 1685			152 152	17							
	14		B5 STD	0153 0200	1827 1814	365 365		26 26		00	1673	1 03	59	152 152								
	14	2 (85 510	10205 0250	1812 1811	365 365	0	26 26	41		1711			152 152								
			5TD	0300 0400	1795 1719	364	17	26	54		1722. 1639			152 152	23							
	14		85 STO	70409 0500	1709 1582	363	8	26	64	00	1569	0 08	58	152 151	95							
	14		BS STD BS	0513 0600 T0620	1560 1388 1346	360 357	8	26	83	00	1396	8 10	06	151	46							
	17	2	ST0	0700	1124	357 354 351	4	261 271 271	09		1148			151 150 149	69							
	14	2 0	BS 5TO	0833	0829	351 350	20	27	34		776:			149	79							
	14	2 0	510 85	1000 T1048	0595 0547	350 350	2	276	60		6410			149	14							
			5T0 5T0	1100 1200	0522 0480	350 349		270)5676)5280			149	-							
	14	2 0	51D 85	1300 1322	0447	349 349		27		000	996	5 15	62	149								
			510 510	1400 1500	0423 0409	349 349	7	27	77)480)4786			149 149								
REFERENCE	14		85	T1597	0403	349		27	78					149								
CIST ID.	CODE	LATTIUDE 1/1		*GITUDE 100	SOUARE	STATIO (G	M.TI		TEAR C	RUISE NO.	ST/ NU	ATION MBER	_	TO C	MAT. IEPTH OF MPL'S	085881	AVE VATIONS	THER	CODES		NODC STATION REMUN	
311262	ME	31532N	06	7451W	115 17	05 0	7 15		968	A66	003	P. 10. T		030	14		2	X1	8 1		0021	1
					CODE	TEANS.	3 IR.	DE	METER Unbal		JAY JLG	WET CO	308		SPECIAL SERVATI							
	MESSENGE TIME (CAST C	ARD					21	247	-1 -	89 VOLUM	156		14 SOUND		4	- I					7.7
	HR 1/10	ND.	347	DEPTH IMI	3.1	\$ *		SIGM	A-T	en DM	AL7-3(0)	E A DYN 2 16	3	AFFOCI							0 4-\$1 9 - 41/1 gH	Č
	154	01	5TD	0000	1996 1996	3656 3655		259 259		0020	360	000	0	1523		- 1	1	ı			ı	
	,,,	:	0 TO	0010	1995	3656		259 259	8 (0376	002		1523 1524 1524	0							
	154	06	5 T0	0022	1993 1972	3655	5	259 260	8		9644	006		1524	1							
	154		TD	0044	1942 1936	3661 3661		261 261		0018	3676	009		1523 1523	2							
	154		TD	0070	1912	3658		262	4 (0018	3170	014	5	1522 1522	5							
	174		10	0088 0100 0125	1884 1871 1851	3658 3657		262° 263° 263°	2 (7500 7126	019		1522	0							
	154	08		0132	1847 1842	3657	3	263 263	8		7026	023		1521 1521 1522	9							
	154	08		70172 0200	1836 1828	3656 3656	6	2641	0	_	936	036		1522	2							
		5	TD	0250 0300	1 108	3654 3650		264! 264!	5 (0016	775	044	5	1522 1522	7							
	154		TO	T0334 0400	1759 1741	3645 3641		2650 2651	1 0	0016	633	069		1522 1523	5 0							
	154 154	06	5	0412 0437	1695	3632	4	2656)		0			1521 1517	7							
	154		TO TO	0500 0600 0675	1449	3590 3562		2679 2696	5 C		095	084 098		1515	4							
	134	S	5 10 10	0700 0800	1122 1056 0828	3543 3536 3514		2709 2719 2736	5 0		817	109		1504	4							
	154	08	5 †D	T0877	0693 0670	3502 3503	7	2741 2741 2750	7		307	119		1497 1493 1492	3							
		5	TO TO	1000	0581 0513	3502 3501		2761 2769	L O	006	213	134	5	1490	3							
	154	08 S	S TO	1138 1200	0492 0478	3501 3501	2	2772 2773	2 0	005	114	1456	5	14891	5							
	, -	5	TO TO	1300	0456 0433	3500 3500		2775 2771	7 0	004	992	150 155	7 5	1490	7							
	154	08	5	71413	0430	3500	0 .	2778						14915								

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

CTEV ID.	SNIP	LATTU	- i	MGITUDE 6	MARSDEN SQUARE	STATION TO	TEAR	CRUISE	STATION	DEPTI	07	Ces	WAVE ERVATIONS	WEAT	CODES	:	3	HOOC TATION	
CODE NO.	1		1/10	1/10	10. 1.	MO DAY N	L1/10	NO.	NUMBER		M S'MPL	S DW.	HGT PER SE	CODE	TYPE AM	1		UMEER	
31126	2 ME	3152	5N 07	0040W	116 10	05 08 0	54 1968	A66 00		521	2 17	33	3 2	X2	6 8			0022	
					WA		INO BAR		MP. °C	NO.	CPI	CIAL							
					CDLOS	TRANS OIR.	OI METE		WET C	DE DEFTE	DATES	A TIONS							
					COOL		TORCE .	-	+		1	$\overline{}$							
						06	517 28	4 183	167	7 14		ŀ							
	MESSENGE TIME HR 1/10	CAST ND.	CARD	OEPTH (m)	7 ℃	s ·/	SIGMA-T	SPECIFIC VOLU	INT DYN	M. 3	LOCITY	02 m1/1	PO4-P sq = 81/1	10 TA L-P	NO2-N	ND3~N M = 81/i	5) O ₄ —\$: ug = ot/i	ρΗ	1
																			Ť
	1		570	0000	2087	3655	2573	002274	4 00	ວວ່າ	5263		' '		'	,	1	'	ľ
	054		OBS	0000	2087	36551	2573				5263								
			STD	0010	2087	3655	2573	002278	9 00:		5264								
			510	0020	2087	3655	2573	002282	7 00	46 1	5266								
	054		OBS	0029	2087	36549	2573			1	5268								
			STD	0030	2080	3655	2575	002268	4 00	68 1	5266								
			STO	0050	1969	3655	2604	001993	2 01	11 1	5239								
	054		QB5	0057	1944	36555	2611			1	5234								
			STD	0075	1928	3658	2617	001878	6 01	59 1	5232								
	054		085	0086	1918	36589	2621			1	5232								
			STO	0100	1902	3658	2624	001823	5 02	06 1	5229								
	054		OB5	0115	1889	36579	2627				5226								
			STO	0125	1889	3659	2628	001793			5230								
			STO	0150	1886	3660	2630	001787	8 02	96 1	5233								
	054		OBS	0170	1882	36610	2631				5235								
			STO	0200	1871	3660	2634	001768	9 03		5237								
	054		OBS	T0226	1861	36586	2635				5238								
			5T0	0250	1852	3658	2637	001754			5240								
			5T0	0300	1831	3656	2641	001735			5242								
			510	0400	1789	3650	2646	001712	4 07		5245								
	054		OB5	T0446	1769	36472	2649				5247								
			STO	0500	1757	3645	2651	001705	7 09		5252								
	054		QB5	0565	1714	36373	2655				5249								
			STO	0600	1676	3630	2659	001656	1 10		5242								
	054		OBS	T0670	1578	36120	2668				5222								
			510	0700	1506	3599	2674	001526			5203								
			510	0800	1276	3563	2695	001329	8 13		5140								
	054		085	0893	1074	35365	2713	00.100			5082								
			510	0900	1056	3535	2715	001133			5076								
			510	1000	0833	3517	2738	000896			5009								
			STO	1100	0665	3505	2753	000735	2 10		4959								
	054		085	T1108	0654	35038	2753	000653	7 17		4956								
			510	1200	0595	3504	2761	000653			4948								
	0.5		510	1300	0540	3504	2768	000585	8 18		4942								
	054		OBS	1399	0497	35042	2773	000523	4 19		4941								
			510	1400	0497	3504	2773	000537			4941 4944								
	-6-		510	1500	0463	3503	2776	000508	2 19										
	054		OBS	T1699	0428	35001	2778			1	4963								

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REFERENCE																
CTAT ID. COOS	ATITUDE L	ONGITUDE 58	MARSOEN	STATION 1		ORIGINAT		OEPTH	MAX. DEPTH	WAVE		WEA	CLOUS			NOOC
COOR NO. COOF	1/10	1/10	10* 1*	MO DAY		CRUISE STA	TION MBER	TO MOTTON	S'MPL'S	OBSERVAT		THER	COOES		\$	FATION
311242 45 25									2 WLE 2	DIE HGT PE	8 584		TYPE AM	1		UMBER
1 311262 ME 32	2142N 0	70431W	116 20	05 08	086 1968			5212	_16	00.	3	XI	8 6			0023
			-		DAR		VIII.	NO.	SPECIAL							
			COOL	TRANS. OIR.	OR (mb		WET COD	OBS.	OBSERVATIO							
				0.5	1000			-		_						
[05	S16 28	4 183 1	67 8	14								
MISSENGE CA	AST CARO	OFFTH (m)	T *C	5 %.	SIGMA-T	SPECIFIC VOLUME	S A D	sou	ם א	-Id PO4	_#	TOTAL-P	NO2-N	NO 11		
HR 1/10	J. 1776				1	ANOMALT-2107	z 10 ³	, AEPO	CIIA 03	ml/l PO4	11/1	yg + a1/1	μη - 01/1	NO3=N	\$1 O4=\$1 ug - a1/1	ρН
								_		_	-				-	
	STO	0000	2105	3643	2559	0024065	0000	152	44	- 1	1				-	
086	085	0000	2105	36433	2559	0024003	0000	152								
	510	0010	2107	3643	2558	0024145	0024									
	STO	0020	2108	3643	2558	0024232	0048	152								
086	085	0025	2109	36432	2558		2340	152								
	STD	0030	2083	3644	2565	0023557	0072	152								
	STO	0050	2001	3650	2592	0021099	0117	152								
086	085	0050	2001	36500	2592			152								
	510	00 75	1952	3658	2611	0019360	0167	152								
086	085	0075	1952	36583	2611			152								
	STD	0100	1914	3654	2618	0018791	0215	152								
086	085	0100	1914	36544	2618			152								
	510	0125	1909	3659	2623	0018425	0262	152	35							
	ST0	0150	1902	3662	2627	0018126	0307	152	38							
086	085	0150	1902	36620	2627			152	38							
	510	0200	1879	3660	2632	0017873	0397	152	39							
086	085	T0201	1878	36596	2631			152	39							
	510	0250	1857	3658	2636	0017669	0486	152	41							
086	510	0300	1836	3656	2639	0017479	0574	152	43							
000	085 STD	T0395	1795	36505	2645			1524	46							
086	085	0400	1794	3650	2645	0017244	0748	152								
000	STO	0495 0500	1751 1748	36428	2650			152								
086	085	T0598		3642	2650	0017060	0919	1524								
	510	0600	1664	36274 3627	2659	0014435	1005	152								
	510	0700	1485	3593	2660 2674	0016429	1087	1523								
086	085	0799	1297	35635	2691	0015235	1245	1519								
	510	0800	1294	3563	2691	0013662	1389	1514								
	510	0900	1059	3534	2713	0011462	1515	1514								
	510	1000	0863	3514	2731	0009678	1621	1507								
086	085	T1010	0846	35123	2732	0007010	1021	1501								
	STO	1100	0713	3508	2748	0007867	1708	1497								
	STD	1200	0597	3504		0006559	1781	1494								
086	085	1281	0529	35020	2768			1493								
	STO	1300	0525	3501		0005865	1843	1493								
	510	1400	0501	3499		0005795	1901	1494								
	STO	1500	0477	3498		0005644	1958	1494								
086	085	T1556	0464	34975	2772			1495								
								, ,	-							

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

CTET TO. CODE LATITUDE LONGITUDE BY SOUABE (GMT) TEAB CRUISE STATION TO OF OBSERVATIONS THEE	CLOUD NODC
	CODES STATION NUMBER
311262 ME 32512N 071365W 116 21 05 08 142 1968 A66 006 5212 16 34 2 2 X1	8 5 0024
COLOR TRANK DIR. SARO DAY WET ONE ONE OFFICIAL OFFICE ONE OFFI ONE	
05 515 305 178 128 8 14	
	NO2~N NO3~N SIO4~SI BH SC
142 085 0000 2100 36447 2561 15265	
510 0020 2094 3646 2564 0023670 0048 15267	
STD 0030 2088 3647 2566 0023469 0071 15267	
142 085 0049 2051 36503 2579 15261 5TO 0050 2046 3650 2580 0022216 0117 15260	
142	
142	
5TO 0125 1916 3662 2623 0018417 0264 15238 142 0B5 0148 1900 36606 2627 15237	
570 0150 1899 3661 2627 0018153 0310 15237 142 085 0199 1884 36606 2631 15241	
5TD 0200 1884 3661 2631 0017971 0400 15241 5TO 0250 1861 3658 2634 0017803 0489 15242	
570 0300 1836 3655 2638 0017587 0578 15243 570 0400 1779 3648 2648 0017000 0751 15242	
142 085 T0400 1779 36484 2648 15242 5T0 0500 1714 3637 2655 0016618 0919 15238	
142 085 0504 1710 36363 2655 15238 570 0600 1593 3615 2667 0015741 1081 15215	
142 085 T0608 1581 36130 2668 15213 5T0 0700 1369 3577 2686 0013922 1229 15156	
510 0800 1144 3545 2706 0012021 1359 15092	
570 0900 0895 3522 2732 0009444 1466 15016	
142 085 T1033 0641 35016 2753 14938	
STO 1100 0585 3501 2760 0006474 1622 14926 STO 1200 0516 3500 2768 0005703 1683 14915	
STO 1300 0465 3499 2773 0005193 1737 14911 142 085 1305 0463 34986 2773 14911	
5TD 1400 0448 3498 2774 0005136 1 ⁷ 89 14920	
STO 1500 0432 3498 2776 0005018 1840 14930	
570 1500 0432 3498 2776 0005018 1840 14930 142 085 71585 0418 34977 2777 14939	
\$10 1500 0432 3498 2776 0005018 1840 14930 14939	CLOUD NOOC STATION NUMBER
STO 1500 0432 3498 2776 0005018 1840 14930 1	CODES STATION
STO 1500 0432 3498 2776 0005018 1840 14930 1	CODES STATION NUMBER
142 085 71585 0418 34977 2777 2777 0005018 1840 14930 14939 14	CODES STATION NUMBER
142 085 71585 0418 34977 2777 2777 14939 149	CODES STATION NUMBER
STO 1500 0432 3498 2776 0005018 1840 14930 14939 1	CODES STATION NUMBER 8 5 0025
STO 1500 0432 3498 2776 0005018 1840 14930 14939 1	CODES STATION NUMBER 8 5 0025
STO 1500 0432 3498 2776 0005018 1840 14930 1	CODES STATION NUMBER 8 5 0025
STO 1500 0432 3498 2776 0005018 1840 14930 14939 1	CODES STATION NUMBER 8 5 0025
STO 1500 0432 3498 2776 0005018 1840 14930 14939 1	CODES STATION NUMBER 8 5 0025
STO 1500 0432 3498 2776 0005018 1840 14930 14939 1	CODES STATION NUMBER 8 5 0025
STO 1500 0432 3498 2776 0005018 1840 14930 14939 1	CODES STATION NUMBER 8 5 0025
STO 1500 0432 3498 2776 0005018 1840 14930 14939 1	CODES STATION NUMBER 8 5 0025
STO 1500 0432 3498 2776 0005018 1840 14930 14939 1	CODES STATION NUMBER 8 5 0025
STO 1500 0432 3498 2776 0005018 1840 14930 14939 1	CODES STATION NUMBER 8 5 0025
STO 1500 0432 3498 2776 0005018 1840 14930 14939 1	CODES STATION NUMBER 8 5 0025
STO 1500 0432 3498 2776 0005018 1840 14930 14939 1	CODES STATION NUMBER 8 5 0025
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April 1500 1500 1600	CODES STATION NUMBER 8 5 0025
The content of the	CODES STATION NUMBER 8 5 0025
Note	CODES STATION NUMBER 8 5 0025
	CODES STATION NUMBER 8 5 0025
The color 1500 0432 3498 2776 0005018 1840 14939 149	CODES STATION NUMBER 8 5 0025
The color 1,000	CODES STATION NUMBER STATION NUMBER

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REFERENCE CTOY IO	, 1	SHIP	LATITUE		LONG		MOC 18	SDL	SDEN		SMTI		YEA	A.R	CRUIS		TATID	N	DEPTH TO BOTTOA	DEPT	H DI	WAV	TONS	WEA- THER CDDE	CODES		2.	NDDC FATIDN UMBER	
C000 NO	٥.	-		1/10		1/16	-	10"	1.	MO C	AY H	18,1/10	-	_	ND.	<u>'</u>	IU M EI	R	B0110%	5'MP	_	\rightarrow	18 37	4 5000	1171 200	7		UANBER	
31120	62	ME	3330	1N	072	357W		116				200	19	68	A66				5030	1:	07	2 2	2	X1	86			0026	
									WA	ER	_ \	MIND		EA BO	-	AIR TE	_	ZIV	NO.	51	ECIAL	1							
									CDDE	TRANS.	DIR	SPEEC	- 1.	UMBE UMBE		DRY	W E1	coo	DSS. DEPTHS	DRSE	VA TIDNS								
											06	513	-	31/	-	83	16	\rightarrow	14	-		1							
	_		_						L	\vdash	00	512	<u>'</u>	210	9 1	. 0)	_	_	-			1				1			\neg
	*	TIME C	CAST ND.	CARD		DEPTH I	m I	1	t	5	٠/	\$1G	MA-	-1		C VOLU	ME 07	Ž A D	SD	DOCITY	D2 m1/		4=P	TOTAL-P	ND3-N	ND3-N	51 04-51	рн	200
		R 1/10	1	,,,,,								-		_			_	я 103	****	ociii.		nğ.	- 61/1	NB - BI√I	μg = 01/1	νg - α!/	νg - 01/1		c
				ST		0000			444	361		_	441		003	531	0	0000		348									
		200		085		0000			444	361			41							348									
				ST		0010			445	361			40			539		0035		350									
		200		ST		0020		_	447	361		_	40		003	1546	7	0071		352 352									
		200		OBS		0022			447	361 361			40		003	551	7	0106		354									
		200		085		004			447	361			40		00.	,,,,	'	0.00		356									
		200		51		0050			401	362			63		003	334	9	0175		347									
		200		085		006			318	364			502							331									
				ST		0075	5	2	238	365	5	25	31		002	704	9	0251	15	314									
		200		085		008	2	2	200	365	82	25	44							306									
				5.7		0100			161	366			60		002	435	5	0315		300									
		200		OBS		012			116	367			77							292									
				ST		0125			113	367			77			282		0374		292									
		200		ST		0150			073	366			87		002	194	4	0430		285									
		200		085		0200			054 981	366 366			92		00:	006	3	0535		268									
				ST		0250			902	366			26			862		0632		254									
				ST		0300			843	365			38			764		0722		245									
		200		OBS		TO314			830	365	-		40							244									
		200		085		0394			786	364			46						15	243									
				ST	D	0400)	1	784	364	8	26	46		001	713	4	0896	15	244									
		200		085		T047	3		733	363			52							240									
				ST		0500			699	363			555			655		1065		233									
				ST		0600			527	360			72		001	520	9	1223		193									
		200		OBS		065			424	358			81							167									
				ST		0700			299	356			92			328		1366 1489		131									
		200		5T		080			063 978	353 352			713		001	131	3	1489		037									
		200		085		T0840			849	351			34		000	911	6	1591		998									
				ST		1000			675	350			751			735	-	1673		946									
		200		085		1089			562	349			761				_			915									
		200		ST		1100			558	349			761		000	628	6	1742		915									
				ST		1200			518	349			166			1586		1802	14	916									
				ST	D	1300)	0	479	349	8	27	771		000	1544	7	1859	14	916									
		200		085		T134	3	0	460	349	60	27	773						14	917									
		200		003						, ,	-	- '																	

RENCE ID.	SHIP	LATITUDE	LO	NGITUDE 5	AM OZ	RSDEN	TATE:	ION TH		EAR		ORIGIN.	_		DEPTH	MA1. DEPTN	Da	WAVE	IDNS	WEA	CLOU		- T	NODC
NO.	CDDE	* 1/1		1/10	10°			DAY HE			CAUI	, N	IATI IMUI		801104	E.Whf.			1 58 A	CODE				NUMBER
1262	ME	33480N	0.7	3045W	110	5 33	05 1	08 2	32 1	968	A6	6 00	9		4755	111	04	3		X 1	8	6		0027
1202	1 1112 1	2248011	101	204241	124	WAT			IND	BARC	-	AIR TEA		c	ND.	1		-	1	1	1 0 /	0	,	002
						CDLD		DUL	3/110	METE	R	DRY	WI		ORS.		CIAL							
						CODE	URI	15.2	FORCE	(mbs	1	AULE	₿U	LB	DEFINS	_		ļ						
								07	515	31	5	183	14	44 8	14									
	MESSENGE	CAST	CARD	DEPTH (m)		1 10	١.	٠/٠٠	SIGMA]		JIC VOLU-		₹ △ □	so	UND		, PO,	- 1	OIAL-P	NO2-1	ND3-P	SID.	.s.
	TIME 0	ND.	148E	DEPTH ON			1,	***	310 M	`'	ANC	MALT-EI	b?	2 10 ³	VEU	DCITY	D ₂ ml/	198		0R - 81/	ug - al/			
				1	\top								_					1	\neg		-			
	'		STD	0000	٠,	2465	36	1 3	243	2 '	0.0	3615	1	0000	15	353		1	- 1		1	ŀ	1	1
	232		BS	0000		2465		127	243			,,,,	•			353								
			STD	0010		2467	36		243		00	3625	5	0036		355								
			STD	0020	- 2	2468	36	12	243	1	00	3634	9	0073	15	357								
	232		85	0024		2469		123	243							357								
			STD	0030		2452	36		244		00	3544	5	0108		355								
	232		85	0049		2379		359	247							343								
			5TD	0050		2372	36		247			32020		0176		341								
	232		STO	0075 0075		2236	364	49 488	252		00	2744	2	0250		313								
	232		85 85	0075		2159		599	255							298								
	232		SID	0100		2157	36		255		0.0	2460	D .	0315		298								
			STD	0125		2103	360		257			22921		0375		289								
	232		85	0148		2046	-	561	259		••			0-12		277								
			STD	0150		2039	360		259		00	2128	3	0430		276								
	232	0	85	T0197		1904	36	504	262	5					15	246								
			STD	0200		1901	366	0	262	6	00	1842	5	0529	15	246								
			STD	0250		1853	36		263			1786		0620		239								
			STD	0300		1803	364		264		00	1733	+	0708		233								
	232		85	10370		1728		356	265					-0		221								
	22.		STD	0400		1717	36		265		00	1657	0	0877		222								
	232		BS STD	0454 0500		1631 1462	35	193	266 267		0.0	1437.	2	1032		204 155								
	232		BS	T0532		1356		720	268		00	1437.	-	1032		123								
	232		5 T D	0600		1172	35		270		0.0	1199	7	1164		069								
	232	0	85	0674		0999		251	271		00	/ /		1-04		017								
	2,72		STD	0700		0945	35		272		0.0	1004	1	1274		001								
	232		85	T0799		769		064	273							950								
			STD	0800		767	350	06	273		00	0836	2	1366		949								
			STD	0900	(0635	351	0.3	275	5	00	0676	9	1442	14	913								
	232	. 0	85	0966	(0569		007	276							898								
			STO	1000		0542	351		276			05820		1505		892								
			STD	1100		0467	34		277		00	0527	1	1560		886								
	232	. 0	BS	T1135	(3477	340	987	277	1					14	888								

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8-10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

CTET ID.	SHIP	LATITUE	DE LO	NGITUDE BU	MARSDEN SOUARE	STATION THE	TEAR	CRUISE STAT	IDN	20770	DF	WAVE RSERVATIONS	WEA- THER CODE	CODES		5	NODC TATION UM BER
-	1							444 010		_			X1	8 2			0038
311262	ME	34064	N 1 0 7	3320W	116 43 WAT		24 1968	A CO. TE LAB	- 1-1	4298	16 03	7 2 2 1 2 1	I VI	1 012	1	ŀ	0028
							SPEIG MET	0.	VIS COO	ND. DBS.	SPECIAL						
					CODE	TRANS. DIR.	FOICE (mbi		nre con	DEPTHS	DESERVATION	`					
						0.8	513 31	8 183 1	28 8	14		1					
	·	1		1		1			,	1	$\overline{}$	٠					
	MISSINGS TIME	CAST	TYPE	DEPTH (m)	1 10	5 %.	SIGMA-T	ANOMALT-2187	₹ △ 0 0YN. M x 10 ³	. SDUN		/I PO4-P	101AL-P 29 - 41/I	ND2~N ug - al/l	ND3-N	\$1 D4-\$1 99 - at/\$	pН
	HR 1/10								X 10°				2,	F 4 - 417 1	pg - 601	77 1 507	<u> </u>
	i						1		l	1				ĺ		ł	
			STO	0000	2418	3614	2447	0034719	0000								
	024	-	085	0000	2418	36139	2447			153							
			STO	0010	2418	3613	2447	0034784	0035								
			510	0020	2417	3613	2447	0034842	0070								
	024	-	085	0026	2417	36127	2446	00 2 3 0 0 7	0104	153							
			510	0030	2392	3618	2458	0033807	0167								
			STD	0050	2285	3640	2506	0027311	0101	153							
	024	•	085	0051	2280	36408	2508 2543	0035045	0236								
			STO	0075	2188 2182	3653 36536	2545	0025845	0230	153							
	024	•	085 ST0	0100	2182	3663	2569	0023494	0298								
	0.74			0100	2115	36643	2572	0023494	02 70	152							
	024	•	085 510	0125	2047	3664	2591	0021518	0354								
			510	0150	1985	3664	2607	0020037	0406								
	024		085	0155	1975	36642	2610	002003.		152							
	024	•	510	0200	1917	3664	2625	0018531	0502								
	0.74		085	T0209	1906	36632	2627	0010331	0.00	152							
	024	•	STD	0250	1890	3662	2630	0018188	0594								
			STD	0300	1859	3659	2636	0017821	0684								
			STD	0400	1763	3645	2649	0016865	0858	152	37						
	024		085	T0422	1735	36402	2652			152	32						
	0		STO	0500	1622	3620	2664	0015723	1020	152	0.8						
	024		085	0530	1566	36104	2669			151	95						
			510	0600	1399	3579	2682	0014125	1170	151	50						
	024		085	T0638	1308	35645	2689			151							
			510	0700	1133	3551	2713	0011140	1296								
			STD	0800	0895	3533	2740	0008447	1394	150	01						
	024		OB5	0855	0787												
			STO	0900	0719	3519	2756	0006838	1470								
			5T0	1000	0593	3508	2765	0005941	1534								
	024	4	085	11072	0524	35021	2768			148							
			5TD	1100	0511	3501	2769	0005445	1591								
			510	1200	0469	3500	2773	0005067	1644								
			510	1300	0438	3498	2775	0004906	1694								
	024	4	085	1343	0427	34978	2776			149							
			STD	1400	0416	3497	2777	0004786	1742								
			STD	1500	0403	3497	2778	0004707	1790								
	024	4	085	T1615	0401	34970	2778			149	151						

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REFERENCE	SHIP				- 2 MA	#SOEN	STATION	TIME	Г	T	ORIGIN	ATOR"	5	DEPIH	MAR		WAVE	T wi	EA-	CLOUD	Т		HOOC	
CODE NO.	CODE	LATITUDE	FO		გყ∟	UARE	IGM1		YEAR	CRUIS		STATIO		TO EOTTOM	OF	0.	SERVATION		00	CODES		5	TATION	
10.	-	1/10	-	1/10	10*	1.	MO DAY	HR,1/10		NO.	4	NUMB	R	EO110M	S'MPL	"S DIR.	HGT PER	CO CO	UE T	779] OM1			UMBER	
311262	ME	34272N	07	4154W	111	5 44	05 09	054	1968	1 A66	6 01	1		3658	16	04	2 2	X	1	8 2	1		0029	
						WA	ER	WING	BAI	10- L	AIR TE	MP. °C	VIS	NO.	***	ECIAL	1							
						COFO	TRANS OR	SPE	77.61		ORY	WE	COO	DEPTHS	ORSER	VATIONS								
						COOE		1000		\rightarrow	BULR	BUL	-	Service										
							12	505	5 31	.5	178	13	3 8	14										
	MESSENGE		RO.	GEPTH W	. [7 °C	1			SPECIF	1C VOLU	ME	₹ ∆ D	sou	INO.		PO4=F	TOTAL		402-N	NO ₃ -N	5104-5		3
	TIME HR 1/10		PE	OEF IN U	"'	, .	\$ */	SIC	SMA-1	AND	MAL7-61	10.7	X 103	VELC	CITY	O2 m1/	μg = α1/1			g = et/1	PR - 01/1	νg - 01/	pΗ	200
			_		_		1	-				\dashv		-			-	+	+		-	-	-	+
	J	1 1 6	TO	0000		2313	3623	2/	85	1	3108		0000	153			1	1	- 1	- 1		l	1	11
	0.54			0000		2313	36234		85	00.	3100	В	0000	153										
	0,7		TD	0010		2303	3624		88	001	3080	9	0031	153										
			TO	0020		292	3625		92		3047		0062											
	054			0027		284	36263		96	50.			002	153										
			TO	0030		282	3628		98	003	3002	1	0092											
			TO	0050		258	3634		509		2901		0151	153										
	054			0054		250	36355		12					153										
		S	TD	0075		190	3639	25	32	002	2690	В	0221	153	300									
	054	08	5	0082		167	36408	25	40					152	96									
		S	TO	0100		096	3646	25	663	002	2401	4	284	152	185									
	054	QB.	S	0108		068	36486	25	73					152	275									
			TD	0125		024	3656	25	90	002	2152	7	0341	152	267									
			TO	0150		971	3663	26	10	001	1977	0	0393	152	257									
	054			0165		950	36652		17					152										
			TO	0200		914	3664		526	001	1845	7	0489											
	054			T0220		896	36628		29					152										
			TO	0250		879	3662		33		791		0579											
			TD TD	0300		782	3659 3651		38		1757		8 6 6 6	152										
	054			T0435		757	36466			001	688	44	0841	152										
	034		7 D	0500		751	3645		52	00.1	691		1010	152										
	054			0542		674	36311		60	001	1071	-	1010	152										
	0,74		TD	0600		406	3583		83	001	398	2	1164											
	054			T0653		192	35488		00	00,	, , , ,			150										
			10	0700		032	3536		20	001	038	7	1286	150										
		5	TO	0800	(1759	3515	2.7	47		757		1376	149	947									
	054	08	5	0867	(627	35052	27	158					149	05									
		5	TO	0900	(599	3505	27	61	000	611	1	1444	148	399									
		5	TO	1000		527	3503	27	69	000	539	6	1502	148	87									
	054			T1083		1481	35015		73					148	188									
			TD	1100		1476	3501		73	000	497	8 .	1554	148	182									
			TD	1200		1449	3500		75		0840		1602	148										
			TO	1300		1427	3499		77	000)468	8	1650	148										
	054			1355		417	34987		78					149										
			TO	1400		410	3498		78		463		1696	149										
	05.		TO	1500		397	3498		79	000	1455	4	1742	149										
	054	OB	5	T1625	(388	34967	21	79					149	733									

REFERENCE	SHIP			L :				N TIME	Т		0	RIGINA	TORS		CEPTH	MAX. DEFTH			VE	_	WEA-	CLOUG			HODE	
CT81 IO.	CODE	LATTUC	1/10	LONGITUDE 3	10"	ARE	MO I DA	Y IHE IZ		EAR	CRUISE NO.		HEER		TO ROTTOM	A.c.	1_ ~	BSERV	A TIOI		THER	TTPLAN	1	5	REMU	
311262	ME	34423	_	74322W	116			_	_	968	A66	012			2972	06	1			2	×1	8 2	+		0030	
						WA	TER	WINT		BARC	_ A	IR TEM	P. ℃	VIS	NO.	342	CIAL	٦								
						COLOR	TRANS.	DIR	tio or orct	AN ETE		RY JLB	W ET	CODE	OBS. GEPTHS	OBSERV		s								
								10 50	\rightarrow	31	5 1	78	133	В	14											
	MESSENGE TIME (HR 1/10	CAST NO.	CARO	DEPTH (m)	1	70	s *.		SIGMA	-т	SPECIFIC		, E	A D	SOL	ם מאם מאם	0 2 ml		PO4=1		OTAL=F	NO2=N vit = et/)	NO3-N ×0 - 07/1	SI O4-5-		
													T							Т			i			1
			510			556	361		409		0038	3690	0	000		374										
	085		OBS	0000		556	361		409							374										
			STO			557	361		2409		0031	3762	0	039		376										
	085		0B5	0016		558 558	361		2409		0031	9903		078		377 378										
			510		_	556	361		2409		0031			116		379										
	085		OBS	0033		556	361		2409		000	3010		- 10		3B0										
	085		085	0048		556	3614		409							382										
	003		ST			555	361		406		0038	3844	0	194		382										
	085		085	0064		548	3619		2409				-		15	383										
			STO	0075	2	486	362	3 3	243	3	0036	5322	0	288	15	371										
	085		085	0096	2	366	363	0	2478	9					15	347										
			510			343	3630		2486		003			373		342										
			ST			196	364		2533		002	7053	0	446		310										
	085		085	10125		196	364		2533							310										
			STO			002	363		2578		002			508		262										
			510			657	360		2645		0016	5496	0	606		168										
	085		085	T0234		456	358		2675							109										
			5 T (365	357		2684		001	2877	0	680		080										
	085		085	0280		226	355		69							036										
			510			160	3540		2704		001	1035	0	739		016										
	085		085	T0317		111	353		2708							001										
	085		OBS	0397		964	352		272							959										
			510			957	352		272		0000	9401	0	842		957										
	085		085	T0476		774	351		2742					0.0.0		899										
			STO			704	350		750		0000	5 / 0 8	0	922		875										
	085		OBS	0562		562	350		764		000			001		828										
	000		OBS			502 473	349		276° 2768		000	10.58	0	981		809 801										
	085		085	10625	U	413	249	90	168	7					14	801										

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8-10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REPERENCE SNIP	DE LO	HGITUDE ES	MARSDEN SDUARE	STATION T	YEAR	CBUISE STA		DEFTH TO BOTTOM	MAX, DEPTH DP S'MPL'S DIR	WAVE SERVATIONS HGT PLF SE	WEA- THER CODE	CDDES		51	ODG MOITA SERMU
311262 ME 3502	8N 07	5056W 1	16 55 0	05 09	113 1968	A66 013		0530	05 14	2 2	X1	6 6			0031
			WAT	ER V	NIND BAL	O- AIR TEMP.	₹ vis.	ND.	SPECIAL]					
			CDLD®	TRANS. DIR.	SPEED M.ET		ULB COD	OEPTHS	DESERVATIONS	ł					
				16	504 30	5 194 1	156 8	09							
MESSENGE CAST TIME OF NO. HR 1/10	CARD TYPE	DEPTH (m)	т %	s */	SIGMA-T	SPECIFIC VOLUME	₹ △ D DYN, W ± 10 ³	SOL VELO	JND O2 m1/	PO4=P >0 + 91/1	TOTAL=P	ND3=N va - 61/1	NO3-N 1/8 - 81/1	\$1 Da-\$1 µg = 01/1	рН С
							}								
, , , , ,	STD	0000	2317	3635	2493	0030370	0000		319						
113	OBS	0000	2317	36349	2493				319						
	STD	0010	2312	3635	2494	0030291	0030		320						
	STO	0020	2307	3634	2495	0030219	0061		320						
113	OBS	0027	2304	36342	2496		0000		320						
	STD	0030	2282	3635 3642	2503 2552	0029502	0090		316 280						
112	STD 085	0050	2126	36429	2557	0024004	0145		276						
113	STD	0075	1910	3639	2607	0019718	0201		225						
113	085	0079	1872	36366	2615	0017110	0201		215						
113	STD	0100	1648	3616	2654	0015314	0244		150						
113	OBS	0105	1604	36120	2662		-		137						
***	STD	0125	1504	3598	2674	0013561	0280		108						
	STD	0150	1384	3580	2686	0012464	0313	15	071						
113	085	0158	1347	35749	2689			15	060						
	STO	0200	1158	3547	2705	0010676	0371	14	999						
113	085	T0212	1109	35401	2709			14	983						
	STD	0250	0965	3531	2728	0008604	0419		936						
	STD	0300	0805	3520	2744	0007048	0458		883						
	STD	0400	0586	3497	2756	0005881	0523		810						
113	085	10415	0565	34930	2756				804						
113	*STD	0485	0530	34927	2760	0005566	0571	14	801						

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.

REFERENCE	, ,				1											-							
	COOE	LATITUE	DE L	ONGITUDE	MAE	ARE	STATION TO	ME	YEAR	CRUISE	GINAT	TION		DEPTN	DEPT		WAVE ERVATIONS	WEA				NODC TATION	
CODE NO.	COOF	•	1/10	1/10	10"	114	MO DAY H	L1/16		NO.		MBER		BOTTOM	S'MPL		HGT PIET SE				N N	LIMBER	
318060	EV	3155	N O	65228W	115	15	10 06 2	03	1968	A67	001			4645	43	13	1	X 1				0001	
						WAT		IND	BAR	1 4 10	TEMP.	2		NO.	r		1-1	1 "	. 1 012	1	- 1	0001	
						COLOR	TRANS DIR	SMID	METI	ER OR1		WET ULB	VIL CODS			VATIONS							
						OT		509	23			28	_	31									
						01	SD 14	307	123	0 20	' '	_	7	31	L		,,						
	MESSENGE TIME	CAST	CARO	DEPTH (m)	1	70	5 1/4.	SIGA	I-Ah	INCINC V	DLUMP	Q¥i	A. D.	102	UND	02 mt/l	PO ₄ =P	101AL-		NO3-N	\$104-51		3
	HR 1/10				<u> </u>					anomat		I	103	VELC	DCITY		≥g = 01/I	pg - 01/	μg - α1/1	µg - e1/1	ug - a1/1	g.H	ď
		1 1				_	l					1											
	203		51D 085	0000		547 547	3636	24		0036	863	00	00		374								
	203		510	0010		547	36360 3635	242		0036	201	00	37		374 376								
			085	0010		547	36348	242		0030		-	- '		376								
			\$TO	0020	2	537	3636	242	2.7	00366	666	00	74	15	375								
	003		OB5	0020		537	36358	242							375								
			5T0 085	0030		537 537	3636 36358	242		0036	707	01	10	15									
			570	0050		316	3655	242		0029	106	n 1	76		377 330								
			085	0050		316	36548	250		0027		-	, ,	15:									
			STD	0075	21	096	3661	25		00228	344	02	41	152									
			OBS	0075	20	96	36609	257							278								
			510 085	0100		996 996	3661	260		00203	369	02	95	152									
			STD	0125	10	945	36609 3657	260		00194	76	0.3	45	152									
			085	0125		945	36568	261				-		152									
			570	0150	10	904	3657	262	23	00185	51	03	93	152									
			OB5	0150		904	36568	262						152									
			5T0 0B5	0200		346 346	3656	263		00173	378	04	82	152									
			STD	0250		317	36559 3654	263		00170	10.5	05	68	152									
			085	0250		317	36538	264		001		-	00	152									
			STO	0300		796	3649	264		00170	29	06	53	152									
			085 510	0300		796 736	36489 3641	264		001/5	3.0	0.0	٠,	152									
			085	0400		736	36408	265		00165	30	0.8	21	152									
			STD	0500		34	3619	266		00160	183	09	84	152									
			085	0500		34	36188	266						152									
			STD	0600		35	3581	267		00147	46	11	38	151									
			085 5T0	0600 0700		35	3580 y 3540	267		00120	. 1 1	12	7 2	151									
			085	0700		36	35398	270		00120	111	1 4	12	150									
			STD	0800		146	3508	272		00094	68	13	80	149									
			085	0800		346	35080	272						149	79								
			ST0 085	0900		15	3501	275		00066	30	14	60	149									
			SID	0900 1000	06	15	35010 3503	275		00057	7.1	15	2.2	149									
			085	1000		54	35029	276		00021	, ,	1 -	۷2	148									
			STO	1100	0.5	06	3503	277	1	00052	46	15	77	148									
			085	1100		06	35028	277						148									
			STD 085	1200 1200		75	3503 35034	277		00048	97	16	28	148									
			STD	1300		54	35034	277		00047	37	16	76	148									
			085	1300	04	54	35032	277						149									
	215		085	T1356		53	35031	277						149	16								
			5T0 085	1400		37	3503 35032	277	9	00046	11	17.	23	149									
			STD	1500			3502	278		00045	5.5	17	6 Q	149									
			085	1500			35018	278		000.2	, ,		0 /	149									
			STO	1750			3501	278		00045	85	18	83	149									
	215		085	T1899			35003	278						149									
	215		STD	2000 2426			3500 34969	278		00045	11	19	97	149									
	2+3		5 T 0	2500		14	3496	278		00043	35	22	1.8	150 150									
	215		085	T2946	0.2		34933	278						151									
			510	3000	0.2	64	3493	278	8	00041	19	24	29	151									
	215		085	3461	02		34908	278						151									
	215		085 STO	3966 4000	02		34897 3490	278		00042	E 0	284		152									
	215		085	T4350			34891	278		00042	29	204	+ 6	152 153									
					-	-		_ , 0						437	7.								

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE			T		-	MAR	nen.	STAT	ON T	us T		_	ORIGIN	MORS			MAI		WAVE			Crono	1			7
CTRY ID.	CODE	LATITU	DE I/10	LONGITUE	TIVIO E DE	10°	ARE	MO 1	GMT)		TEAR	CRUI	SE S	TATION		DEPTH TO BOTTON	DIEP I	043	ERVATION	- 1	WEA- THER CODE	CODES			NODC STATION NUMBE	:
318060	EV	3156		06629		115	+		_		1968	A6	1			4846		1	2	-	X1	0 3			000	2
. , , , , , , ,	,	,					WA			MIND	EARC). L	AIR TEA	AP TC	VIS	NO.	Ť	ECIAL	1-1	'	,			,	000	-1
							COLOS	TEANS.	OIL	SPEED OR EOPCI	M ETE		DRY BULF	MEL	COOL	OBS. DEFTHS		VATIONS								
							DT	50	15	510	22	0	256	239	7	24										
	MESSINGE	CAST NO.	CAR		FTN (m.)	1	6	s	٠/	SIG	MA-T	SPECI	FIC VOLUM	A	Δ D	SO	UND	O3 m1/l	PO 4-P			NO2-N	NO3-N NE - 91/1	\$1 tD4="		5
	HR 1/16	-		-		-				-				'	t 103	-			74	+-	-	- 407	P2 - 9//	Pg - 0.		-
	I	1	5 T	D 0	000	2	546	36	.5	24	09	00	3835	2 01	000	15	372		l	1	- 1	- 1			1	11
	038	3	085		000		546	36		24							372									
			ST		010		531	36		24		00	3821	1 0	038		370									
			08S		010		531 525	36:		24		00	3667	2 0/	076		370									
	003	1	085		020		525	36		24		00	3007	, 00	0 7 0		372									
	00.	,	ST		030		396	36		24		0.0	3250	3 0	110		344									
			085		030		396	363		24							344									
			ST		050		213	364		25		00	2701	8 0	170		303									
			085		050		213	364		25							303									
			51		075		121	366		25		00	2320	2 02	233		285									
			085		075		121	366		25 25		~ ~	2120	7 0	288		285									
			5T 0B5		100		023	365		25		00	2120	, 0	200		263									
			51		125		947	366		26		0.0	1879	5 0	338		247									
			085		125		947	366		26		-					247									
			5 T	0 0	150	1	912	365	9	26	22	00	1861	0	385	15	240									
			085		150		912	369		26							240									
			51		200		861	365		26		00	1756	1 04	475		234									
			085 51		200 250		861 836	365		26 26		00	1726	9 05	562		234									
			085		250		836	365		26		00	1120	, ,,	02		235									
			ST		300		916	365		26		00	1720	5 0	649		237									
			085		300		816	365	31	26						15	237									
			5 T		400		773	364		26		00	1688	0 0	819		240									
			085		400		773	364		26							240									
			ST		500		704 704	363		26		00	1651	÷ 0,	986		235									
			085 51		500 600		537	363		26 26		00	1529	3 1	145		197									
			085		600		537	360		26		00	1253.	1	>		197									
			51		700		324	356		26		00	1366	3 17	290		140									
			085		700		324	356		26							140									
			ST		800		036	352		27		00	1120	1	414		052									
			085		800		036	352		27		0.0					052									
			51		900		821 921	351		27		00	0901	1:	515		987									
			085 5T		900 000		921 539	350		27		00	06721	3 1	594		932									
			085		000		539	350		27		00	00,21	4.	- , 4		932									
			51		100		549	350		27		00	0570	2 16	656		912									
			085	1	100	0	549	350		27							912									
			5T		200		488	350		27		00	0519	7 1	711		904									
			085		200		488	350		27			0.07		7		904									
			51		300		455 455	350		27 27		00	04875	1	761		907									
			085 51		300 400		427	350		27		00	0474	9 14	809		912									
			085		400		427	349		27		00	0414		-09		912									
			51		500		411	349		27		00	04682	18	356		922									
			085		500		411	349	88	27	79						922									

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

	,								1						I MAI									7
CTRY ID.	SNIP	LATITU	JOE	LONGITUOS	DIDIT NOCTO	MARSDEN	STATION T	IME	YEAS	CBUISE	RIGINA	TATION		DEPTH	OEPT	H nes	WAVE ERVATIONS	1	VEA-	CEQUO			NOOC	
CODE NO.	COOE	•	1/10	1/10	- E	10" 1"	MO OAY	(4,1/10		NO.	N	UMBER		MOTTOR	S'MPL		HGT PER S	IA C	300	TYPE A MI	1		NUMBER	
318060	EV	3155	3N	067439W		115 17	10 08		1968					5121	15	24	1		x 1	0 3			0003	3
						WA	7	WIND	BAR		H TEN		VIS	NO.	SP	ECIAL								
						COLO	TRANS OIR.	3PEE 08 P 040	D MET		JLB	WET	CODE	0887HS	OBSER	VATIONS								
						DT	50 24	516		0 2	56	233	7	25		-								
	MESSENGE TIME		CARO	. 1			1	┰		SPECIFIC		\$	Λ 0	sou		r '	T	T						
	TIME 4	NO.	TYPE	OEPTH	(m)	7.7	5 %.	510	T-AM	AHOM	VOLUA LT-818	ָרָי הַיּיִי	Δ. N.	. AETO	CITY	O2 ml/l	PO4=F µg = e1/I	TOTA		NO2=N ug - el/l	NO3-N NB - 01/I	51 O4-5		c
	No 1710						+	+				+		+			+	-				_	+	+
	1	1	51	000	0	2596	3636	24	+09	003	8344	. ' o	300	150	386		1	ı	1	'			1	11
	098		085	000		2596	36356		+09						386									
			ST			2596	3636	_	409	003	8364	+ 0	038											
			085	001		2596	36359		+09	003	9300		077		387 389									
	003		5TI 085	002		2596 2596	3636 36360		409 409	003	0 3 9 6		0 / 1		389									
	003		511			2596	3636		409	003	8440	2 0	115											
			085	003		2596	36360		+09	000					391									
			085	004	3	2595	36361	24	10						393									
			511			2358	3639		+84	003	1430	0	185		338									
			085 ST	005		2358	36388 3655		684	002	276		254		338									
			085	007		2114	36547		65	002	2/02	2 0.	274		282									
			570			1981	3661		06	0020	0005	0	309											
			085	010		1981	36607		06					152	251									
			5T			1931	3659		17	001	3984	0	357											
			085	012		1931	36588		17					152										
			ST			1887	3660 36599		29	001	7910	0 0	404											
			085 510	015		1887 1850	3659		38	001	7269	5 04	492	152										
			085	020		1850	36588		38	001	, 2, 0 2		. , _		231									
			5 T I			1819	3656	26	44	0016	5894	. 0	577											
			085	025		1819	36560		44						230									
			570			1804	3655		46	0016	5808	3 0	561											
			085	030		1804 1764	36546 3649		546	0016	. 4 2 1	0.1	328		234									
			5T0	040		1764	36487		52	0010	3021		20		238									
			511			1717	3637		554	0016	6667	7 0	995											
			085	050	0	1717	36373		554					152	239									
			5.10			1562	3609		69	001	5515	1	156											
			085	060		1562	36085		69	0.000			20.2	152										
			510 085	070		1354	3576 35761		89	001	06/6	1.	302	151										
			511			1120	3541		707	001	1895	1.	429											
			085	080		1120	35405		707	001				150										
			ST	090	0	0875	3514		129	0000	9678	15	37	150										
			085	090		0875	35142		129			,		150										
			510			0678	3504		750	000	1466	16	523											
			085 510	100		0678 0573	35041 3505		750 765	0009	1995	1./	90		947									
			085	110		0573	35052		765	000.			- 70	149										
			510			0529	3508		773	000	290	1	747											
			085	120		0529	35081		773					149										
			514			0477	3505		776	0004	4923	3 1	798	149										
			085	1300		0477	35049		776	000	76.			149										
			510 085	1400		0450	3504 35036		778 778	0004	+ 757	10	546	149										
			510			0434	3503		180	0004	677	1.	393	149										
			085	1500		0434	35031		180	000			- , ,	149										

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

											,					,								-
CTET IO.	SHIP	LATITU	OE	LONGITUDE 58	MARS		STAT	ION TI	ME	YEAR	CRU	ORIGINA	TATION	-	GEPTH 10	DEPTI OF	N ORS	WAVE ERVATIONS	WEA				NOOC	
C004 NO.	COOE		1/10	1/10	10"	1"	MOI	HYAC	£1/10		N	10. N	DWBER		BOTTON	S'MPL	"S DIR.	HGT FEE S	COD	ETPE AM	1		NUMBE	
318060	EV	3154	8N (68560w	115	18	10	08 1	58	1968	A	67 004	4		5267	15	26	2	X 1	03			000	4
					[WA1	ER	W	IN D	BARC		AIR TEA	AP. °C	VIS	NO.	5.0	ECIAL							
					- 1	COLOR	TRANS.	DIR	SPEED OR FORCE	AN ETE		DRY BULS	WET.	COD	OBS. DEPTHS	OBSER	VATIONS							
					ŀ	OT	50	29	506	21	3	278	233	7	25									
		T			Τ		1		1				_	-	1			T		T		I		T.I
	MESSENGE TIME	CAST NO.	TYPE	GEPTH (m)	7	,c	5	٠/	SIGN	T-AN	SPE	CITIC VOLU	ji o	∆ D rN. N r 10 ³	. VEL	OCITY	03 ml/l	PO a=P pg = a1/1	-JATO1		NO3-N vg - et/l	51 O ₄		, c
	HR 1/10			_	-		-		+		-		-		+		-	+		+	-		+	+
	I	1 :	STO	0000	21	571	36	2.2	24	0.7	0	03857	2 0	000	115	378	1	1	ı	1	ŀ	1	ı	11
	158		085	0000		571		221	24		_				15	378								
			510			568	36		24		0	03850	3 0	039		379								
			085	0010		568		224	24			00001		0		379								
	003		510 085	0020		567 567	36	26 259	24		0	03826	3 U	077		381								
	003		085	0025		567		488	24.							385								
			510			376	36		24		0	03048	8 0	111		341								
			085	0030		376		578	24							341								
			STO			126	36		25		0	02440	8 0	166		281								
			085 ST0	0050		126 964	36	488	25		0	01984	0 0	222		281								
			085	0075		964		558	26			01704		- 2 2		242								
			510			906	36		26		0	01829	0 0	269		230								
			085	0100	11	906	36	586	26	23					15	230								
			STO			872	36		26		0	01767	8 0	314		225								
			085	0125		872		568	26		0	01710	2 0	358		225								
			5T0	0150 0150		850 850	36	20 575	26 26		U	01718	<i>5</i> 0	276		223								
			510			829	36		26		0	01698	2 0	443		225								
			085	0200		829		557	26						15	225								
			510	0250		814	36		26		0	01686	1 0	528		228								
			085	0250		814		548	26		_	01/01				228								
			STI 085	0300		795 795	36	516	26 26		U	01681	0 0	612		231								
			511			749	36		26		0	01660	5 0	779		233								
			085	0400		749		440	26							233								
			5T1			662	36		26		0	01625	5 0	943		221								
			085	0500		662		253	26		-	0140-		000		221								
			5T1	0600		476 476	35	90 904	26 26		0	01493	0 1	099		176								
			571			251	35		26		0	01283	2 1	236		114								
			085	0700		251		590	26						15	114								
			5TI			996	35		27		0	01073	0 1	356		037								
			085	0800		996		255	27			00930	7 ,	4.5.		037								
			5TI	0900		762 762	35	07 069	27		0	00838	7 1	45]		964								
			5 T i			630	35		27		0	00656	0 1	526		929								
			085	1000		630		068	27							929								
			ST	0 1100	0	559	35		27		0	00568	1 1	58		917								
			085	1100		559		068	27			0053				917								
			51			506	35	05 048	27	73	0	00521	4 1	642		912								
			085 5T	1200 0 1300		506 469	35			76	0	00491	7 1	69		912								
			085	1300		469		035		76						913								
			51			442		02		78	0	00475	1 1	74	1 14	918								
			085	1400		442		022	27					7.0		918								
			5 T			426		02		80	0	00464	1 1	78		4929								
			085	1500	0	426	35	021	27	80					14	4929								

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE					1										_								_			
CTRY ID.	CODE	LATITU	1 -	ONGITUDE TO	MAR			TATION		YEAR		DRIGIN	TATIC	N	_	DEFTH	DEPT DF	H Desi	WAVE ERVATIONS		WEA-	CLOUD			NDDO	
	F./	216	1/10		1	1,		DAY	أكانا		+	ND.	WUMB		+	MOTTOM	S'MPL	'S DOL	NGT Me SE	1	CODE	TYPE AM			NUMB	R
318060	I CV I	3154	NIO	70036W	116	10	1 C	08	214			67 00		_		5577	47	01	1	-	Х1	0 3		- }	000	5
						COLOR	724	INS. DIR.	SPEED OIL FORCE	METI	ER	DRY	Wξ		TS.	ND. OBS. DEPTNS	SP Daser	ECIAL VATIONS								
						DT	+-	0 01	510	20	_	256	21		-	33										
	MESSINGS	CAST	CARD		T		T		Ή_		_		-			_	_			_					_	
	MESSENGS TIME HR 1/10	NO.	TYPE	DEPTH IMI	'	₹		s */	SIG	MA~T	3PE	HOMALT-ET	7	₹ Δ DYN. 1 10	M.	VELD 200	CITY	D3 ml/l	PO4~P		A L - P	NO2-N	ND3-N	51 D4=	-Sı 171 P	N C
							Ť		\vdash				_		_	1	_			_	-		-		+	
	214		5T0 085	0000	2	542 542		638 6378	24		0	03658	6	000	0	153			,		1			ı	1	11
	214		510	0010		530		639	24:		0	03621	А	003	6	153										
			085	0010		530		6386	24	32						153	72									
	003		5TD 0B5	0020 0020		529 529		639 6391	24:		0	03619	4	007	3	153										
			STD	0030		321		644	24		0	02995	3 (10	6	153										
			085 510	0030 0050		321		6438	249							153										
			085	0050		166 166		646 6458	254		0	02568	1 '	16	1	152 152										
			510	0075	20	116	3	657	259	93	0	021080) (22	0	152										
			085 STD	0075 0100		934		6568 657	259		0	01911	,	27	_	152										
			085	0100	19	934	3	6568	261		0	01711				152 152										
			510 085	0125		984		658	262	28	0	017913) (31	6	152	28									
			510	0125 0150		384 356		6576 656	262		0	017437	, ,	36	0	152										
			085	0150	16	156	3	6560	263			01173	,	, , 0	0	152										
			510 085	0200 0200		23		655	264		0 (016903	1	44	6	152										
			510	0250		323		6548 653	264		0.0	016670) (153	0	152										
			085	0250	16	00	36	5528	264	6						152	24									
			5TD 085	0300		91		651 6511	264		00	016751	. (61	4	152 152										
			510	0400	17	68	36	548	265		00	16781		78	1	152										
			085 5TD	0400 0500		10		5478 535	265 265			016683		941		152										
			085	0500		10		348	265		U	110003		74	4	152 152										
			STD	0600		54		505	266	В	00	15604	- 1	110	0	152	02									
			085 5T0	0600 0700		19		6048	266 268		0.0	13653	,	25	7	152										
			OB5	0700	13	19	35	665	268	9					,	151										
			STD OBS	0800		56 56		333	271		0.0	11258	1	38	l	150										
			STO	0900		34		10	271 273	2	00	09345	1	484		1500										
		1	085	0900		34		095	273	2						149	92									
			51D 085	1000		52 52		038	275		0.0	007101	1	566	>	149										
	227	4	085	T1072	05	76	35	030	276							149										
			510 085	1100	05 05		35	01	276 276		00	05924	1	631	1	149	11									
			570	1200	05	00		03	277	2	00	05279	1	687	,	149										
		(085	1200	05			028	277	2						1490	9									
		(510 085	1300 1300	04			041	277		00	04968	1	739	,	1491										
			5 T D	1400	04			02	277	8	00	04781	1	787	,	1491										
		(285 5TD	1400 1500	04			018	277		0.0	04636	,	835		1491										
			285	1500	04	24	35	018	278		00	04636	1	232	'	1492										
	227	(085 STD	T1572	04			992	277							1493										
			510	1750 2000	03		34		278			04717		951 069		1495										
	227	C	085	2082	03	56	34	977	278			0 40 10	-	<i>,</i> u <i>,</i>		1500										
	227		5 T D	2500 2582	03		34	96 958	2785		00	04581	2	300		1505	8									
	221		510	3000	021		34		2785		00	04297	2	22		1506										
	227		85	3088			34	940					-				-									
	227	C	085 5 T 0	3589 4000	024		34 34	920	2789		0.0	04.70.7				1520										
	227	C	85	4090	02			903	2789		00	04283	2	951		1527 1529										
	227		985	T4586	021			897	2789	9						1537	9									
	227	C	985	T4690	02	28	34	898	2789	9						1539	6									

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

									_									MAX									-
CTRY ID.	SHIP	SCUTIFAL	101	NGITUDE	OEB11	MAR!		STAT	GMTI	3MI	YEAR	-	ORIGI CRUISE		TOR'S ATION	\dashv	DEPTH O7	DEPTH		WAVE IERVATION	ıs	WEA-	CCODE			STATIO	N
CODE NO.	CODE	* 1/	10	1 1/10	0 3	10°	11"	MO	YAY	HR, 1/10			ND.		MBER	_	#DTTOM	3'MPL	'S DIR.	HGT Pts	SEA	CODE	TYPE A M	Ť		NUMBE	R
318060	Ev	3210 N	1 07	0327w		116	20	10 0	9	027	196	8	A67 0				5486	15	30		1	X1	013			000	6
							WA			WIND		RO-				VIS.	ND. 083.	591	ECIAL								
							COLOR	TRANS.	DIR.	00	171.5	ETER (bo)	DAY BULE		T3W	CODE	DEPTHS	OSSER	VATIONS								
							DT	SD	02	512		13	239	+	189	7	24		-								
	MESSENGE							Τ-	_	T	.] -	ī			_	_	501	10170	· · · · · ·	1	Τ.,				1		1
	TIME (E NO.	TYPE	DEPTH (Úm1	T	℃	5	٠/	SIG	MA⊸T	- 1'	ANOMALI-	RIE?	oy.	△ 0 N. 10 ³		CITY	02 m1/5	PO4=P		91A L=P	ND3-N	NO3-N yg - e1/l			H C
	HR 3/10	 		-		_		+-	_	+		+			+	_	_			+	+				+	+	-H
	1	1	STO	0000	n.	,	520	362	74	24	23	1	00369	63	00	000	15	367		1	1	,		1	1	'	- ' '
	027	C	BS	0000			520	36			23						15	367									
			STD	0010			521	36			23		00370	3 3	0.0	37		369									
		C	85	0010			521	368			23		00370	. 7	0.0	74		369 370									
	003	,	510 085	0020			521 521	367			23		00370	6/	01) / 4		370									
	003		STO	0030			519	367			24		00370	2 8	0	111		372									
		C)B5	0030			519	367		24	24						15	372									
			STO	0050			236	36			28		00271	78	0	175		309									
		C	85	0050			236	365			70		00233	0.6	0	238		309 277									
			5T0 085	0079			096 096	36			70		00233	UO	0.	. >0		277									
			STD	010			987	365			0.2		00203	73	0	293		253									
		(085	0100			987	36	77	26	0.2						15	253									
			STD	012			934	36			16		00190	58	0	342		242									
		(085	012			934	365			16			1 0		400		242									
		,	STD	0150			899	365			26		00182	Īβ	0.	89		237 237									
		(085 5 1 0	0200			855	36			35		00175	24	0.4	. 78		232									
		(085	0200			855	36			35						15	232									
			STO	0250			B33	36			40		00172	5 3	0	65		234									
		()B5	0250			833	36			40							234									
		_	510	0300			816	365			43		00171	55	01	551		237 237									
			85 STD	0400			779	364			48		00169	57	01	322		242									
		C) BS	0400			779	364			48						15	242									
			STD	0500			706	36			55		00166	19	0.	990		235									
		0	85	0500			706	36			55		00156	40	,	151		235 206									
			ST0 85	0600			565 565	360			67		00156	00	1	. 71		206									
			STD	0700			329	356			88		00137	55	1.	298		142									
		0	B5	0700		1	329	356	79	26	88							142									
			STO	080			063	35			13		00112	55	14	÷ 23		062									
		(DB 5	080			063	35:			13		00000	E 2	1.1	26		062 989									
			STD	0900			827 827	350		_	32		00092	33	1	26		989									
			ST0	1000			623	350			755		00068	76	1.0	506		925									
		C)B5	1000			623	350			155						14	925									
			510	1100			537	350			67		00056	68	14	69		907									
		(BS	110			537	350			67		00053	, ,		77.		907									
		,	510	1200			508 508	350			773		00052	4 1	1	724		912									
		(DBS STD	1200			471	350			76		00049	07	1	774		914									
		0)BS	1300			471		040		776						14	914									
			510	140	0		448	350			78		00047	81	1	523		921									
		(85	140			448	350			78		00041	e 0		9.70	. 14	921									
		,	STO	1500			429 429	350			180		00046	23	1	3 7 0		930									
		(DB 5	1500		0	427	331	, 20	2 '	30							, , ,									

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

EFFERENCE											_					, MA	<u> </u>					7			
CTSY 10.	SHIP	LATITU	DE	LONGITUDE BX	SOU	ARÉ	STAT	TION 1	IME	YEAR	CRU	ONGIN	TATION		CEPTI	DEPT	N ON	WAVE ERVATIO	NS.	WEA-	CLOUD		1 51	ATION	
CODE NO.	CODE	•	1/10	1/16	10*	11"	MO	DAY	IR.1/10		H	10.	UMBE		BOTTO	M S'MP		HG# P28	52 A		TTPE A M	1	н	REGMU	
318060	Ev	3227	N C	7103 w	116	21	10	09	061	1968	A	67 00	7	Ī	710	6 1	5 35		2	ХI	0 3			0007	
						WA	TER	1	WIND	BAI	0.	AIR TE	MP. °C	VIS	NO.	7,	ECIAL								
						COLOR	TRANS	DO.	SPEEC	1		DRT BULB	WET	CDD	OBS.		VATIONS								
						DT	5D	02	512	•	\rightarrow	239	18:	1 7	24	+-									
					Т	0.	130	102	1522	120					-			_	_				_		
	MESSENGE TIME	HO.	CARD	OEPTH (m)	T	7	S	٠/٠٠	SIG	1-AM	SPEC	CIPIC VOLU	ME (E △ D 2 N, M 103	. S	LOCITY	03 ml/l	PO a=1		014L-P	NO2-N #8 - 01/1	NO3-N ug - st/l	21 O4 = 21 1/14 - 94	921	200
	HR 1/15			 	-		+		+		-		+	X 10°	-			74	-		Pg - 001	pg - 801	BQ - 0.77		44
	l		STE	0000	١,	514	36		1 70	39	1	03546	, l	000	Ι,	5367		1	-						11
	061		085	0000		514		420		39	00	03240	, (,000	_	5367									
	001		STE			514	36			39	00	03549	0 (035		5369									
			085	0010		514	36	422		39						5369									
			STO			515	36			39	0 (03556	1 (071		5371									
	003		065	0020		515		422		39	~	00500	, ,	106		5371									
			51E 085	0030		515 515	36	501		45	00	03503) (1106		5374 5374									
			STE			155	36			54	0.0	02473	9 (166		5289									
			085	0050		155		548		54						5289									
			510			017	36			94	0.0	02100	4 (223		5257									
			085	0075		017		582		94						5257									
			510			934	36			16	00	01901	8 (273		5238									
			085 5TD	0100		934 894	36	581		16	0.0	01814	3 0	320		5238									
			085	0125		894		578		26		01014	, ,	250		5231									
			510			847	36			36	00	01728	4 (364		5222									
			085	0150		847	36			36						5222									
			510			821	36			42	0.0	01686	9 (449	-	5222									
			085	0200		821 803	36			42		1674	0 (533		5222									
			510 085	0250		803		527	26		00	1014	,	1233		5225									
			510			779	36			49	0.0	01653	7 (617		5226									
			065	0300	1	779	36	501	26	49					1 1	5226									
			510			736	36			60	0.0	01582	2 (778		5230									
			085	0400		736		506		60		01404		938		5230									
			510 085	0500 0500		636	36	20 197		60	0 (01606	, (7 3 6		5213									
			510			445	351			78	0.0	01448	1 1	091		5166									
			085	0600		445	351			78						5166									
			510			236	35		26		00	01284	8 1	227		5109									
			085	0700		236	35		26					3.0		5109									
			510	0800		942 942	357	208	27		00	01013	4]	342		5017 5017									
			510			740	350			44	0.0	00799	4 1	433		4955									
			085	0900		740		076		44		,				4955									
			5TD			514	35			59	0.0	00654	1 1	505	14	4922									
			085	1000		514		39		59						4922									
			510			540	350			69	00	00555	6]	566		4909									
			065 ST0	1100		540 495	350	349	27	69	0.0	00505	7 1	619		4909 4907									
			085	1200		495		349		74		00000		247		4907									
			510			470	350			77	00	00483	5 1	668		4914									
			065	1300		470		348		77						4914									
			STD			449	350			79	00	00467	0 1	716		4922									
			085	1400	-	449	350	046	27	79	0.0	20464	ρ 1	742		4922									
			510 085	1500 1500		433		333	27		00	00464	0 1	763		4932									
			003	1,000	0	+ 3 2	5)(21						4.	736									

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

															_		MAL			,					
CIEY ID.	SNIP	LATITU	DE LO	NGITUEE &	SOL	SDEN	574	IGMTI	ME	TEAB	CRI	ORIGIN JISE S	ATOR'S		7	TO	DEPTH	O15	WAVE ERVATIONS	WEA-	CLOUD		s	TATION	
C001 NO.	CODE	•	1/10	1/10	5 10°	1*	MO	OAY H	R.1/10		N	10.	WU MBE		80	MOTTO	S'AN PL'S	○使	HGT FEB SEA	CODE	TYPE A MT		N	UMBER	
318060	FV	3247	3N 0	7136 W	116	21	10	09 0	98	1968	ВА	67 00	6		5	449	15	36	2 2	X1	0 3			0008	
. 220000	,				,	WA			VIND	BA	RO-	AR TE	MP. T	T _{vi}	T	NO.	SPE	TAL					,		
						COLOR	TRAN	S OIR	SPEEC	, ME		ORY BULS	BUL	co	DE D	OBS. EPTNS	ORSERV	ATIONS							
						ОТ	-	02	515	`-	13	239	18	_	_	27									
				Т		[0]	13	102	131.	, -	_			_	_	_	- 1		T	1				1	7.
	MESSENGE SIME 0	L CAST	CARO	OEFTH (m)	1	2" 1		5 %.	SIG	7-AM	SPE	CIFIC VOLU	M8 87	¥ ∆ (01N.	м.	VELO:	CITY	02 m1/1		01AL-P	NO2-N VR - 01/I	NO3-N HB = 01/I	104-51 110 - 61/1	ρN	è
	HR 1/10	_		-	-		+		+		+		+	X 10	_					-		p co.	.,		
	1		STD	0000	١,	510	1	549	1 2/	46	1	03485	7 !	000	0 .	153	167		1	١				ı	11
	098		085	0000		510		5488		46	0	0,40,		000		153									
	0,0		STD	0010		511		549		45	0	03492	8	003	5	153									
			OBS	0010		511		6488		45						153									
			STD	0020		512		549		45	0	03499	8	007	0	153									
	003		OB5 STD	0020		2512		5488 549		45	0	03503	9	010	5	153									
			085	0030		512		5488		45		0 0 -				153									
			085	0040	2	512	3	6495		45						153									
			510	0050		197		561		47	0	02542	6	016	5	153									
			085 510	0050		197		5608 560		93	0	02107	1	022	2	153									
			085	0075		025		5601		93		02101	*	0 2 2	-	152									
			510	0100		1935		659		16	0	01899	2	027	4	152									
			085	0100		1935		6588		16						152									
			510	0125		1869		657		32	0	01759	8	031	9	152									
			085 STD	0125		1869		6569 655		32	0	01700		036	3	152									
			085	0150		1835		6549		39	0	01,00	,	0 3 6		152									
			STD	0200		1804		653	26	545	0	01654	9	044	6	152									
			OBS	0200		1804		6534		45						152									
			510	0250		1780		652		50	0	01625	2	052	8	152									
			085 510	0250		1760		6520 650		550	0	01635	2	061	0	152									
			085	0300		1770		6497		551		010,,	-			152									
			STD	0400	1	677		629		557	0	01602	4	077	2	152									
			085	0400		1677		6288		557						152									
			5TD 0B5	0500		1465		597 5967		581 581	0	01395	0	092	2	151									
			510	0600		1306		566		591	0	01315	9	105	7	151									
			085	0600	1	1306	3	5660	26	591						151	117								
			STD	0700		1063		535		713	0	01103	8	117	В	150									
			085	0700		1063 0862		5347 514		713 731	0	100926	.0	128	10	150									
			51D 0Bs	0800		3862		5144 5144		731	U	100726	, ,	1-0	0		986								
			5 T D	0900		0683		503		748	0	00748	34	136	3	149									
			085	0900		0683		5028		746							932								
			STD	1000		0558		503		765	0	00585	6	143	0		899								
			085	1000		0558		5025 503		765 771		00525	. 2	148	26	148	999								
			5 T D 0 B 5	1100		0506		5027		771		10072;	, ,	7 - 0	,0		895								
			085	1132		0479		5019		774							869								
			085	1158	4	0492		5042		774							899								
			STD	1200		0473		503		775	C	00492	9	153	37		898								
			085 STD	1200		0473		5026 505		775 778		0046	7.8	158	25		898 910								
				1300		0460		5051		778	(,00+0	0	4 - 0	, ,		910								
			085 5TD	1400		0436		503		779	C	00464	9	163	31		916								
			085	1400		0436	3	5025		779							916								
			510	1500		0418		501		780	0	00460	0.0	167	7 0		925								
			085	1500		0418	3	5012	2	780						14	925								

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

																						_
REFERENCE	SNIP	LATITU	106	LONGITUDE	E 5	MARSON	•	STATION I	IME	YEAR		A TOR'S		DEPTH		H Das	WAVE EBVATIONS	WEATHER	CLOUD		NOOD	
C187 IO.	COOE	,	1/10	1/10	8	10"		MO DAY				TATION		BOTTON	A S'MPI		HGT PER SE			-	NUMBI	6
318060	FV	3306	-	72025W		116 3	_		139	1968	A67 00	9		5303			2 2	X1	0 3		000	, 9
. 310000	1 2 4 1	2300	, ,4 , ,	, , z U z > W	' '		WAT		CHIV	1	A 10. TE		Т.				- -	1 ^ -	1 013	'	, 000	/ *1
						co	10a	TRANS DIR	SPEEG OF FORCE	MET	E8 OAY	WET	COOL	NO. OBS. DEPTHS	OBSE	ECIAL VATIONS						
						-	\rightarrow	_	10804			BULE			-							
		,	,			0	T	50 02	Ļ	23	4 256	222		3.2		,			,			
	MESSENGE TIME	CAST	CARD	DEPTH D	m.)	т 10		5 %.	SIGN	1-A	SPECIFIC VOLU	M!	E A O	so	UND	0-2 ml/1	PO4=P	101AL-P	NO2-N		04-51	N 3
	HB 1/10	1	1192	1					<u> </u>		A TO MACT-L		x 103	VEL	OCITY		yg - a1/1	ug = 81/1	и а - e t/1	μg = n1/1 μg	- 01/1	c
	1											- 1		Į							7	
			STE			256		3652	243		003615	5 (0000		380							
	139)	085 510	0000		256 256	2	36520 3652	243		003619		0036		380							
			085	0010		256	2	36520	24:		003019	•	,0,0		381							
			STO			256	2	3652	24		003623	8 (072		383							
	003		085	0020		256	2	36520	243						383							
			510			256		3652	243		003627	9 (109		385							
			085 ST0	0030		256 230		36520 3649	243		002920	۸ ۲	174		385							
			085	0050		230		36488	250		002,50	•	,		326							
			510			212		3656	256		002399	7 (241		285							
			085	0075		212		36558	256						285							
			510			200		3656	259		002099	1 (1297		258							
			085 510	0100		200		36558 3654	259		001893	а с	347		237							
			085	0125		191		36543	261		0010.3				237							
			510	0150)	185	5	3654	263	3 3	001757	2 (392	15	224							
			085	0150		185		36538	263						224							
			STE			181		3652	264		001687	1 (479		219							
			085 STE	0200		181		36516 3651	264		001686	3 (563		219							
			085	0250		180		36508	264		001000	, ,	, , 0 ,		225							
			5.10			177		3644	264		001679	3 (647		223							
			085	0300		177		36436	264						223							
			510 085	0400		163 163		3618 36178	265		001592	8 (811		197							
			510			147		3587	267		001480	3 0	964		158							
			085	0500		147	3	35873	267	7 2				15	158							
			510			129		3562	269		001326	3 1	105		113							
			085	0600		129		35618 3533	269		001122	, ,	228		049							
			510 085	0700		107		35333	271		001132	1 1	-20		049							
			510			084		3511	273		000926	8 1	330		981							
			085	0800		084		35114	273	3 1					981							
			STD			065		3503	275		000710	2 1	412		923							
			085	0900		065 057		35032 3504	279		000598	- 1	478		923							
			510 085	1000		057		35038	276		000590	د ۱			906							
			510			052		3504	277		000538	4]	535		901							
			OBS	1100		052	0	35035	271				_		901							
			510			048		3501 35009	277		000520	2 1	587		902							
	151		085 085	1200 T1246		048		34986	277						895							
	101		5T0			045		3501	277		000485	9]	638		905							
			085	1300		045		35010	277	76					905							
			510			044		3503	277		000474	2 1	686		919							
			085 510	1400		044		35027 3503	271		000462	6 1	733		919							
			085	1500		042		35025	276		000402				929							
	151		0B5	1713		040		34994	278	0.0				14	955							
			510			040		3499	278		000474		850		960							
	16.		510			038		3499	278		000469	6 1	968		994							
	151		085 5TD	2180 2500		036		34980 3497	278		000450	9 7	198		018 058							
	151		085	2645		031		34962	278		000490	, ,	. + 70		077							
			5T0			029		3495	278		000444	4 2	422		129							
	151		085	3112		028		34944	278						145							
	151		085	3580		025		34922	278		000, 20		WE 0		212							
	151		510 085	4000 T4042		023		3491 34908	278		000428	5 6	858		277							
	151		085	T4143		023		34908	278						302							
			000	,			-	, , ,	2 / (- /								

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE					T	MARSDEN	STATION TI	46 T			ORIGIN	ATOR'S		DEPT	MA1		WAVE	WE	a.	CLOUD	1		NODC	1
C187 ID.	SHIP	LATITU		LONGITUDE	DADET	SOUARE	(GMT)		YEAR	CRUIS	E 5	TATION		10	OF		DASERVATION	THI	ER	CODES			STATION	
CODE NO.			1/10	, ,1/10	-		MO DAY H			NO.	1	UMBE		_	- 3			ATA	- 1	PPPE AMT	-	-		-
318060	ΕV	3327	5N	072348W		116 32 WAT		05	1968		7 Ol		_	1515		51_0	3 2 2 1	X	1	0 3	I	Į.	0010	il.
						COLOR	TRANS. DIR.	SPEED	- BARI		DRY	W ET	COD	NO.	31	TATOR	25							
						CODE	Im I DIAL	FORCE	(min	-	BULB	BULL	4	DEPTI	45		_							
						OT	50 06	520	21	3	256	23:	3 7	24	1				_					_
	MESSENG	CAST NO.	CARD	DEPTH	(m.)	T 10	5 %.	31G	MA-T	SPECIF	MALT-E	ME	2 A D	. 3	ELOCITY	03 4	PO a=P	TOTAL-		NO3=N NO - al/1	NO ₃ -N	\$1 O4	Si pN	3
	HR 3/1		1774				ļ	-				-	x 10 ³	+			pg + 0//c	34.0			ν <u>α</u> - αι/1	pg - 01.		4
		1			0	2/1/	3627	23	0.6	١	3958	١,	0000	,	5389		1		ŀ	- 1			1	11
	20	E	5T	000		2616 2616	36266	23		00	3770	7 (,000		5389									
	20	5	5.11			2596	3627	24		00	3901	8 (0039		5386									
			085	001	0	2596	36268	24	0.2						5386									
			5 T			2596	3627	24		00	3906	0 (0078		5388									
	00	3	085	002		2596	36268	24		0.0	3909	, ,	0117		5388 5390									
			5T	003 003		2596 2596	3627 36269	24		00	3709	•	711		5390									
			5 T			2426	3661	24		00	3177	2 (188		5357									
			085	005		2426	36608	24						1	5357									
			51	007	5	2276	3669	25		00	2709	2 (262		5325									
			085	007		2276	36688	25							5325									
			ST			2156	3672 36718	25 25		00	2373	2 (325		5299 5299									
			085 5T	010		2156 2080	3672		87	0.0	2184	4 (382		5283									
			085	012		2080	36716	25		-					5283									
			ST			2016	3658	25		0.0	2125	0 (0436	1	5269									
			QB5	015		2016	36583	25							5269									
			5 T			1926	3660	26		00	1902	2 ()537		5253									
			085 51	020 0 025		1926 1889	36603 3659	26 26		0.0	1841	6 1	0631		5253 5250									
			085	025		1869	36585	26		00	1041		, , ,		5250									
			ST			1864	3657	26		00	1810	2 (722	2 1	5251									
			085	030		1864	36568	26							5251									
			5T			1824	3652		39	00	1785	9 (0902		5256									
			085	040		1824 1744	36515 3638	26 26		0.0	1728	, .	1077		5256 5247									
			5T 0B5	0 050 050		1744	36376	26		00	1120	۷ .	1011		5247									
			ST			1584	3609		64	00	1598	6	1244		5212									
			085	060	0	1584	36088	26							5212									
			ST			1401	3579	26		00	1446	1	1396		5167									
			085	070		1401	35788	26		0.0	1229	5	1530		5167									
			5 T Q B S	0 080 080		1150 1150	3543 35428	27	03	00	1229	,	1770		5094									
			5T			0924	3519		25	00	1017	1	1642		5026									
			085			0924	35188	27						1	5026									
			ST	0 100		0696	3503		47	00	0783	2	1732		4954									
			OB5	100		0696	35028	27		0.0	0500	4	1801		4954									
			5 T			0550 0550	3502 35016		65 65	0.0	0593	0	1801		4912									
			085 51	110 0 120		0494	3502	27		0.0	0528	5	1857		4906									
			085			0494	35016	27		- 0					4906									
			ST.	0 130	0	0465	3502		75	00	0500	2	1908		4911									
			085	130		0465	35016		75						4911									
			5 T			0445	3501		77	00	0485	0	1958		4920									
			085 51			0445	35014 3501		77	0.0	0475	1	2006		4920									
			085			0426	35006	27		00	0413				4928									
			003			0.720	,,,,,	-																

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

F10000	, ,									,					1	AY. I							,
CTEY 10.	9142	LATITU	IOE LO	NGITUDE DO	MARSI	DEN	STATION THE	ME	TEAR	CRUISE		TATION		DEPTH	DE		WAVE		WEA-	CLOUD		STATION	
C001 NO.	COOE	•	1/10	* 1/10 P =	10°	11	MO DAY HE	1/10		NO.		UMBER		IOTTO		PL'S OIR	HGT PER S	ĒΑ	CODE	ÎTEL AMI	-	NUMBES	
318060	Eν	3347	5N 0	73043W	116			00	1968	A67	01			4846	5 :	15 36		2	X1	0 3		0011	
						WAT		IN D SPEED	BARG			AP. C	VIL	NO.		SPECIAL							
					ľ	CODE	TRANS OR	OB	M ETE			BULB	CODI	DEPTN	S DRS	SHOTTAVES							
					r	DT	50 05	520	22	7 24	4	200	7	28									
	MESSENGE TIME 0	CAST	CARD	DEPTH (m)	1	-	s */		T-AM	SPECIFIC		ue 3	E A D	sc	DUND	02 #1/1	PO ₄ =P	10	TAL-P	NO2-N	ND3-N 210	12-4	5
	HR 1/10	NO.	TYPE	DEFIN ON	1 '		3 700	2161	MA-1	ANOMA	L7018	" "	x 103	' VEI	rociu	02 41/1	yg = 41/1	ν0	- 01/1	µg - 01/€	μφ - αt/1 μφ -		É
																		П					\Box
			STO	0000		39	3626	24		0037	734	7 0	000		37								
	000		0B5 ST0	0000		39	36260 3626	24		0037	,,,,		037		37: 37:								
			085	0010		39	36262	24		0031)) ! •	• 0	1031		5373								
			STD	0020		39	3626	24		0037	7408	в о	075		379								
	002		085	0020		39	36263	24							5379								
			STO OBS	0030		39	3626 36263	24		0037	449	9 0	112		5376 5376								
			085	0040		39	36264	24							5378								
			STD	0050	23	96	3638	24	72	0032	574	. 0	182	15	34	7							
			085	0050		96	36378	24							34								
			STD 085	0075		60	3665 36648	25 25		0024	24	7 0	253		5295 5295								
			510	0100		61	3659	25		0022	153	3 0	311		5273								
			OBS	0100	20	61	36592	25							5273								
			STD	0125		75	3662	26		0019	873	3 0	1364		5254								
			OBS	0125		175	36617 3661	26 26		0018	1041	1 0	412		5254 524								
			085	0150		34	36614	26		0016	, , 0 ,	1 0	- 12		524								
			510	0200		90	3661	26	29	0018	3118	в 0	505	15	524	3							
			085	0200		190	36605	26							5243								
			ST0 085	0250		61	3659 36589	26 26		0017	702	2 0	1595		242								
			STD	0300		51	3658	26		0017	739	5 0	683		5248								
			085	0300	18	51	36575	26	37					15	5248	3							
			STO	0400		105	3652	26		0017	364	4 0	859		5250								
			O8S STD	0400 0500		105	36520 3643	26 26		0017	1159	9 1	031		5250 5251								
			085	0500		54	36426	26				_			325								
			STO	0600		40	3617	26		0016	659	9 1	200		230								
			085	0600		40	36171	26		0011			3 6 0		230								
			ST0 085	0700		36	3584 35840	26 26		0014	020	5 I	358		5179 5179								
			085	0750		154	35725	26						15	159	9							
			STD	0800		03	3567	26		0013	1592	2 1	500		149								
			OBS	0800		103	35665	26 26							149								
			OBS OBS	0850 0880		86	35545 35447	26							5130 5120								
			STD	0900		34	3541	27	05	0012	393	3 1	630		109								
			085	0900		34	35405	27					7		109								
			STO OBS	1000		76	3511 35108	27		0010	130) 1	742		5024 5024								
			STO	1100		89	3505	27		0007	739	9 1	832		968								
			OBS	1100		89	35047	27	49						968								
			510	1200		59	3503	27		0006	122	2 1	901		933								
			OBS	1200		59	35025 3502	27		0005	/. E =	, ,	959		933								
			STD OBS	1300 1300	05		35021	27		0005	401	. 1	,57		926								
			STO	1400		67	3501	27		0005	193	3 2	012		929								
			OBS	1400		67	35008	27							929								
			STD	1500	04		3501	27		0005	036	5 2	063		937								
			085	1500	0.4	47	35006	27	10					14	937								

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

												_	0.000	TOAIT			MAX								
CTEY IO.	SNIF	LATITU	O£	LONGITU	DE JOSEPH BOCTE	MAR SQU	ARE	STA	GMTI	ME	YEAR	Csn		ATION	\dashv	DEPTH 10	DEPT	OBS	WAVE ERVATIONS	THER	CODES		5	HOOC	
CODE NO.		•	1/10		1/10 6	10*	1.	MD	-	-		N	-	LIMBER		AOTTO8	" S'MPL		HGT PER SI		1111 200	1	- 1	UMBER	
318060	EV	3405	BN	07333	1w	116	43 WA			134	1968		67 012			4389	15	36	2 2	X1	0 3	1	- 1	0012	
							COLOR	TRANS	-	SPEED	METE		V#Y	WET	CODE	NO. OBS. DEPTHS	SPI OBSER	ECIAL VATIONS							
							COOE	(m)	D-0.	FORCE	_	-	BULB	9019	_	-	3								
			,			Ţ.	DT	50	05	522	234	4	233	189		26	1							1	
	MESSENGE TIME	CAST HO.	CARO		PTH (m)	1	7	5	٠/	SIG	T-AN	SPEC	CIFIC VOLUM	,e å	A D	SC	LOCITY	02 ml/l	PO4=P HB = 81/3	101A L=1		NO3-N vg - at/1	51 O 4 → 54 µg = e1/1	ρН	Š
	HR 1/10	-		_		-		+		┼—		_			x 10 ³	+			74 - 6177	24-417	DE - 0071	30 - HI/1	9g = 4171		4
	ĺ	l	 ST	ا ا	000	1 2	505	36	24	24	2 B	0.1	036511	1	000	je	363		1	}				l	1.1
	034		085		000		505		238	24							363								
			ST		010		505	36		24		01	036545		037		365								
			0 B S		010		505	36 36	239	24		0	036600	1 (073		5365 5367								
	003		085		020		506		241	24		0	030000	, (.0.5		367								
			ST	0 0	030		506	36		24		0	036641		110		368								
			OBS		030		506	36 36	241	24		0	036781		183		5368 5372								
			5T 0BS		1050		508 50B		24 241	24		U	0.50781		403		5372								
			085		1060		285		548	25							324								
			ST		075		181	36		25		0	024518	3 (1260		5301								
			OBS		1075		181	36 36	886	25 25			022630		319		5301 5286								
			ST OBS		100		106		688	25		0	022030	, (1217		5286								
			ST		125		042	36		25	94	0	021209	9 (373	15	5273								
			OBS		1125		042		668	25							5273								
			OBS		150		956 956	36	59 592	26 26		0	019669	, (1425		5253								
			51		200		905	36		26		0	018459	9 0	520		5247								
			OBS		200		905		609		25						5247								
			57		250		866	36			33	0	01793	9 (0611		5244 5244								
			OBS)250)300		866	36	573 56		33	0	01757	1 (700		5245								
			OBS		300		641	36	564		38					15	5245								
			ST		400		813	36			43	0	01749	9 (875		5253								
			0B5		9400		813	36	52B		50	٥	01715	۹ .	048		5253 5253								
			OBS		500		761		450		50	_					5253								
			5 T	0 0	0600	1	686	36			57	0	01672	9 :	218		5246								
			085 51		700		686	36 35	309		72	0	01539	1 1	378		5246								
			085		700		505		969		72	0	01337		,,,		5202								
			ST	0 0	008	1	313	35	66	26	90	0	01381	7]	524		5153								
			OBS		0080		313		662		90	0	011636	1	663		5153								
			ST 085		900		066	35 35	34 336		12	0	011620	J	652		5080								
			ST		.000		837	35			34	0	009326	5	756		5010								
			OBS		000	0	837		129		34						5010								
			51		100		690	35		27	50	0	00763	7 1	841		4969 4969								
			085		200		562	35	063		64	0	00614	2	910		4909								
			085		200	0	562	35	028	27	64					1	4934								
			OBS		240		515		011		69				0		4922								
			5T 0B5		300		1492	35	02 021		72	0	00533	5	1967		4922								
			ST		400		486	35			75	0	00517	7	2020		4937								
			OBS	5 1	400	C	1486	35	046	27	75					14	4937								
			51		500		1448	35			77	0	00497	7	2071		4938								
			085)	500	C	1448	35	016	21	77					1	4938								

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE											_			_	_	MA	- [
	SHIP	LATITU	IDE LO	MONTUDE	BU NA	UARE	STA	SGAT	IME	YEAS		OILGIN		_	DEFT	M DEPT	TH Dat	WAVE EEVATIONS	WEA-	CLOUD		1.3	TATION	
C787 10.	COOL	•	1/10	" "1/10	10"	1"	MO	DAY H	8,1/10		CEUI NC	3.1	TATION		10110			HGT PER SE	-1 cont	TIPE AM	-		ESSWU	
318060	Ev	3425	5 N O	74055W	111		10		070	1968	1 A6	7 01	2		3 4 0	\neg		0 2	X1	0 3			0013	
, 2190901	E V (3463	3N U	гчрээмі	1 1 1		TEN		ONIN	1		AIR TE			368	\top		10121	1 vr	1 013	1	ì	0013	
						COLO	-	+	SPEED	BAE ME1		ORT	WET	VIX.	NO.	.	PECIAL EVATIONS							
						CODE	MR I	E OR	901C	(mb	(0)	BULE	1011		DEPTH	15 0075								
						рт	50	06	512	22	7	233	194	7	24									
0	WEZTEN CO	CASI		Т	\neg	1	1		Ή		1			Λ.	Ή.		т '	1					-	1.1
	TIME 6	NO.	TYPE	DEPTH D	n į	1 10	'	٠/	SIG	1-AM	ANG	MALT-I	67 G	1 10 ³	. v	ELOCITY	O3 w[/]	PO4=P 28 - 81/1	TOTAL-P	NO2-N 28-81/1	NO3-N	\$1 O4-\$1 #8 + 01/1	gH	ć
H	HS 1/10		-				+		+		-		-	X 10"			-		-		Pg - 001	بتنطنا		4
I				1			1		1		١		_ _	000					- 1					
	0.70		510	0000		2516		26		27	00	3664	5 (000		5366								
	070		085 510	0000		2516		264		27	00	3670	9 0	037		5366 5368								
			085	0010		2517		265		27	00	3670	0 (031		5368								
			510	0020		2518		27		26	0.0	3677	1 0	073		5370								
	003		OBS	0020		2518		266		26	•					5370								
	000		5TD	0030		2520		27		26	0.0	3686	3 0	110		5372								
			OBS	0030		2520		267	24							5372								
			STD	0050		2521		27	24		00	3696	7 0	184		5376								
			085	0050	1 4	521		268	24	26					1	5376								
			STD	00 75		196	36	54	25		0.0	2598	7 0	263	- 1	5303								
			085	0075		196		540	25							5303								
			510	0100		074		61	25		0.0	2236	7 0	323	_	5276								
			085	0100		2074		609	25							5276								
			STD	0125		2004		61	25		00	2067	9 0	377		5262								
			OB5	0125		2004		607	25					~		5262								
			STD	0150		1958		62	26		00	1953	1 0	427		5253								
			085	0150		1958 1941		618	26 26		~ ~	1930	0 0	524		5253								
			510	0200				62			00	1930	9 U	224		5257								
			085	0200		1941		615	26	18	0.0	1932	0 0	621		5257 5261								
			5T0 0B5	0250		1927		589	26		00	1,32	0 4	021		5261								
			STO	0300		1911		57	26		0.0	1926	0 0	717		5264								
			OBS	0300		1911		568	26		00	1,50				5264								
			STD	0400		1875		53		27	00	1899	0 0	909		5270								
			OBS	0400		1875		531		27						5270								
			STD	0500		1822	36	44	26	34	0.0	1870	1 1	097	1	5271								
			OBS	0500		1822		439	26							5271								
			STO	0600		730	36	26	26	42	00	1815	2 1	281	1	5258								
			0B5	0600		1730		255	26							5258								
			STD	0700		1521		90	26		00	1625	6 1	453		5206								
			085	0700		521		898	26							5206								
			510	0800		284		52	26		00	1426	3 1	606		5141								
			OBS	0800		264		519	26							5141								
			STD	0900		996	35		27		00	1129	0 1	734		5053								
			085	0900		996		207	27		0.0	0851	0 1	933		5053								
			STO	1000		756		06 062	27		00	0021	0 1	833		4978 4978								
			085 510	1100		0604	35		27		0.0	0674	6 1	909		4970								
			085	1100		0604		010	27		00		- 1			4934								
			5TD	1200)524		02	27		00	0564	5 1	971		4919								
			OBS	1200		1524		023	27		00	0.004	- 1			4919								
			STD	1300		1477		03	27		0.0	0509	1 2	025		4916								
			085	1300		477		026	27		-					4916								
			STD	1400)448	35		27		00	0492	0 2	075		4921								
			085	1400	()448		010	27	76					1	4921								
			STD	1500	(432		01	27		00	0481	8 2	123	1	4931								
			085	1500	(1432	35	800	27	78					1	4931								

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REPERENCE CTRY ID.	SHIP	LATITUI	DE LD	MGITUDE TOUTION	MARSDEH SQUARE	STATION THE	YEAR	CRUISE	NATOR'S STATION		DEFTH	MAX DEPTH OF	1	WAVE SERVATIONS	WEA- THER CODE	CODES		57	ODC ATION UMBER
ODE NO.	CODE		1/10	1/10 2	10" 1"	MD DAY HE	1/10	ND.	HUMBER		BDTTDM	S'MPL'S	DIR.	HGT FLO SEA	CODE	TYPE AMI		191	J M BEK
318060	EV	3445	5N 07	4355W	116 44	10 10 1	07 1968				3292	15	07	1 2	X1	013	l	1 +	0014
210000					WAI	TER W	IND BAR	0.	EMP. °C	- VIS	ND.	SPE	CIAL						
					COLDS	TRANS DIR.	SPEED MET		WET	CODE	DBS. DEPTHS	DESERV	A TION S						
						SD 07	\$15 23		189	+	25								
					DT	30 107	317 23	T 233			_			1					
	MESSENGE TIME C	CAST	CARD	DEPTH (m)	1 %	s */	SIGMA-T	SPECIFIC VOI	UME C	¥ 103	VELO		D2 ml/l	PO4-P 99 * #1/1	10141~P yp - 41/1	HO3+H #8 - 01/1	NO3-N	\$1 Q4-\$1 ug - at/1	эH
	HR 1/10	Nu.	TYPE						-	X 103		-		77 - 2-7-1	7, 11				
							1				1			1	- 1				
			STD	0000	2638	3627	2389	00402	50 0	0000	153								
	107		085	0000	2638	36266	2389	00387	0.7	040									
			510	0010	2586 2586	3626 36258	2405	00307	93 (1040	153								
			085 5TD	0010	2556	3624	2412	00380	9 C	078									
	002		085	0020	2556	36238	2412				153								
	002		510	0030	2551	3624	2414	00380	04 0	116	153	379							
			085	0030	2551	36235	2414				153								
			STO	0050	2551	3623	2413	00381	36 0	1192									
			085	0050	2551	36228	2413				153								
			085	0062	2551	36229	2413 2423	00373	. 0 0	28.7	153								
			STD	0075	2531	3627 36270	2423	00313	40 0	1201	153								
			085 51D	0075	2531 2322	3649	2502	00299	03 0	371	15								
			085	0100	2322	36488	2502	000,,			153								
			510	0125	2163	3655	2552	00252	40 0	439									
			085	0125	2163	36548	2552				153								
			510	0150	2061	3662	2585	00221	53 ()499									
			085	0150	2061	36618	2585				157								
			SID	0200	1934	3660	2617	00192	64 (0602									
			085	0200	1934	36597	2617	00193		0696		255							
			510	0250	1882	3657 36571	2629 2629	00183	45 (10 90		248							
			085	0250	1882 1861	3655	2632	00181	37 (788		250							
			51D 085	0307	1861	36553	2632	00101	, ,	,		250							
			510	0400	1799	3649	2643	00174	50 (965	15	248							
			085	0400	1799	36488	2643				15	248							
			510	0500	1720	3635	2652	00169	18	1137									
			085	0500	1720	36348	2652					240							
			STO	0600	1488	3593	2673	00150	07	1297		180							
			085	0600	1498	35930	2673	00177	36	1434		180 091							
			STO	0700	1187	3549	2701	00123	20 .	1454		091							
			085	0700	1187	35488 3521	2701 2725	00099	20	1545		012							
			510	0800 0800	0930	35208	2725	00077	2)			012							
			085 51D	0900	0705	3506	2748	00076	15	1633		941							
			085	0900	0705	35055	2748					941							
			STD	1000	0586	3504	2762	00061	21	1701	14	911							
			085	1000	0586	35042	2762					911							
			SID	1100	0488	3503	2773	00050	12	1757		887							
			085	1100	0488	35027	2773					887							
			STD	1200	0456	3501	2775	00048	43	1806		891 891							
			085	1200	0456	35007	2775	00047	00	1854		899							
			STD	1300 1300	0436	3499 34991	2776 2776	00047	77			899							
			085 5TD	1400	0418	3500	2779	00046	0.0	1901		908							
			085	1400	0418	34999	2779				14	908							
			\$10	1500	0415	3500	2779	00046	76	1948									
			085	1500	0415	34996	2779				14	924							

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE CTET ID. CODE NO.	SHIP	LATITUDE		NGITUDE B		SDEN PARE	STATI	OH TI	Y	EAR	CRU		ATOR'S TATION	\neg	DEFTH TD SOTTOM	DEPTH OF S'MPL	D#1	WAV	IONS	WEA- THES CODE	CLOUD CODES		51	HODC FATION UMBER	
	EV		-		1	$\overline{}$				968	A6	7 01	5		0119	07	07		3	_	0 3			0015	
1318060	CA I	35040N	101	5033W	[116	55 WA1			42 IT			AIR TE		_	NO.	1		' '	! -	1 ^*	1 0 1 2		,	0015	
						COLDR	TRANS	DIR	SPEED	MATE		DRY	WET	CODI	OBS. DEPTHS	CESTE	CIAL								
						CDDE	tm1	DIIC	01 0101	(mbe		PULS	EULE		DEPTHS										
						DT	SD	10	521	25	1	244	189	7	18										
	MESSENGA TIME HR 1/10		ARD TIPE	DEPTH IMI	1	t	s	٠/٠.	SIGMA	A=T	\$99C	IFIC VOLU	ME 2	A D YN. M X 10 ³	. SOI	OCITY	02 ml/l		4=P 41/1	10TA (P 1/10 - Eu	NO3-N	HO3-N VE - 01/1	\$1 Da-\$1 ye - et/1	pН	200
									-	i				_					- 1						11
			STD	0000		747	361		234		0.0	4447	7 0	000		417									
	142		85	0000		747	361		234							417									
			STD	0010		748	361		234		00	4455	0 0	045		419									
			85	0010		748 748	361		234		0.0	4458	٠ ،	089		419 420									
	001		5TD 85	0020		748	361		234		00	4456	0 0	V 0 7		420									
	001		STD	0030		750	361		234		0.0	4459	6 0	134		423									
			85	0030		750	361		234		-					423									
			STD	0050		741	362		235		00	4366	3 0	222		425									
			85	0050	2	741	362	58	235	5					15	425									
			STD	0075	2	636	363	37	239	7	0.0	3977	0 0	326		407									
		0	85	0075		636	363		239							407									
			STD	0100		446	364	-	246		00	13384	3 0	418		368									
			85	0100		446	364		246							368									
			STD	0125		296	366		252		00	2784	1 0	495		339									
			85	0125		296 076	366		252		0.0	2384	0 0	560		283									
			ST0 85	0150		076	364		256		00	2304	0 0	200		283									
			STD	0200		596	361		266		0.0	1472	6 0	656		150									
			85	0200		596	361		266		-	-			15	150									
			STD	0250		506	359		266		0.0	1447	2 0	729	15	128									
		0	85	0250	1	506	359	113	266	8						128									
			STD	0300	1	245	355	4	269	4	00	1205	7 0	796		046									
		0	85	0300		245	355		269							046									
			STO	0400		796	349		272		0.0	0863	8 0	699		893									
			85	0400		796	349		272							893 852									
			85	0430		676	350		274		0.0	0643		975		843									
			STD	0500 050 0		625	349		275		00	1043	, 0	, 10		843									
			85 5T0	0600		525	349		276		0.0	0534	1 1	033		819									
			85	0600		525	349		276		7.		- 1			819									
			STO	0700		495	349		276		0.0	0502	4 1	U 85		823									
			85	0700		495	349		276							823									
			85	0750		475	349		277							823									

TABLE XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3-4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.

											_							.,	,				
REFERENCE	SNIP			= 5	MARS	DEN	STATION GAT	IME	YEAR		DRIGIN			DEPT	UEP	TH DS	WAVE SERVATIONS	WEA-	CLOUD			ATION	
CTEY ID.	1000	LATITU	1/10	LDNGITUDE SO	10*		MD DAY		IEAR			TATID		80110	M S'MP	,	HGT PER SE	CODE	TOPE A M	1		UMBER	
\rightarrow	1	0155					$\overline{}$	008	1968	Δ	68 00	1		438	_			×1	8 2			0001	
311386	ML!	3155	M I C	06525 W	115	WAT		WIND	_	-	AIR TEA			-	7 -	0 10	1 - 1 - 1	1	1 012	1	- 1	0000	
					- }			SPEEC	BAR		DRY	WE	- VIS	ND, DIS	0.000	PECIAL							
						CODE	TRANS. DIR.	PORC	1111		BULB	TUL		DEPTH	(S O ISE	N V A IIUM S							
							06	+	$\overline{}$	3	222	19	4 7	14			1						
							1	1				\neg		1		T	1						Ti
	METSENGE TIME	CAST NO.	CARD	DEPTH (m1	7	℃	\$ %.	SIG	MA-T		CIFIC VOLU		₹ △ D DTN, A X 10 ³	i. vi	LOCITY	02 ml/	PDa-P V4 * 81/1	IQTAL-P	NO3-N	NO ₃ -N	51 O4-51 pg - at/1	pН	lc.
	HB 1/10	110			-			+		-		-	X 10°	-		-	-				-		+
		1	_		_			1,		1		۱ ,	0000	. 14	5313					l			1
			STE			282	3654		17	0	02801	3	0000		5313								
	008	3	085	0000		282	36542 3654		17	0	02808	5	0028		5315								
			510 510			283	3654		17		02815		0056		5316								
	008	0	085	0026		283	36534		16	0	0201)				5317								
	001	5	510			283	3654		17	0	02820	4	0084	_	5318								
			5T0			282	3654		17		02822		014		5321								
	001	e e	OB5	0051		282	36540		17					1	5321								
	001	0	510			280	3655		19	0	02820	2	041	1	5325								
	001	R	085	0078		280	36560	25	19					1	5325								
			510	0100	2	073	3665	25	84	0	02204	4	027		5277								
	00	8	085	0104		044	36663		93						5270								
			5 T (971	3663		10		01967		0321		5253								
			STI			905	3659		24	0	01841	7	037		5238								
	00.	8	085	0156		892	36585		27			,	046		5236								
			STI			840	3656		38	C	01722	6	046		5227								
	00.	8	085	T0206		834 812	36553 3654		39		01687	1	054		5228								
			510			789	3651		547		01671		063		5229								
	0.0	0	0B5	0300		784	36505		548	0	,010.1		000		5229								
	00.	В	511			745	3643		552	0	01658	3	079		5232								
	0.0	D	OB5	T0407	_	740	36425		553	,	, , , , , ,				5231								
	00	0	ST			648	3626	26	662	0	01588	3	096	1 1	5217								
	00	8	085	0512		631	36233	3 26	664						5214								
			5 T	0 0600	1	471	3595		579	C	01449	5	111		5175								
	00	8	0.85	T0618		435	35892		62						5165								
			5 T			208	3555		702		001228		124		5099								
			5.71			971	3525		722	C	01032	b	136		5028								
	0.0	8	085			898	35172		728			n	145		4972								
			51			782	3512 3505		742 757		000832		152		4929								
		_	ST			631	3501		764		100010	0	100		4909								
	0.0	8	085 ST			558 547	3502		765	-	000590	1	159		4911								
			5 T			521	3501		768		000569		164		4917								
			ST			495	3501		771		000548		170		4923								
			5 T			469	3500		773		000526		175		4929								
			5 T			443	3500		776		000504		181		4935								
	00	B	OB5			405	3499		780						4944								
	00	0	003	. 1040	·																		

Table XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3-4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

REFERENCE			_		E MA	ASDEN	STATION TI	ME I		1 0	RIGINA	TOR'S	_	DEPTN	MAX.		WAVE	WEA	CLDUD			+DDC
CTET IO.	CODE	LATITUDE	LDN	TUOE		UARE	(GMT)		TEAR	CAUISE		ATION	\neg	10	DEPTN	085	ERVATIONS	THER	CDDES		51	ATION
CODE NO.		1/	10	1/10	10*	1"	MD DAY H	4.1/10		NO.	N	IMBER	\rightarrow	IDTTOM	S'MPL'S	DWL	HGT NO SE	COOL	TTFE AM		N	UMBIR
311386	ML	31565N	1 066	335W	1115	5 16	12 03 0	153	1968	A68	002			4572	16	10	2 3	X1	8 2			0002
				1		WAT	ER V	VIND	IAN	0. 4	IR TEM	P. °C	VIS.	NO.	SPEC	141						
						COLDE	YEARS DIR.	SPEED	MET	ER C	DAY	WET BULS	CODI	OBS. DEPTHS	DASERV	ARONS						
						CODE		TORCE	_	-	-		_									
							06	514	19	3 2	22	194	7	14								
	MESSENGE		CARD	DIFTH W	.	3 1	\$ 1/4.	110	T-AN		VOLUM	1 3	A D	SDI	DNI	D2 mL/I	PO ₄ =P	TOTAL-P	NO3-N	NO _S -N	\$104-51	l I
	NR 1/10	NO.	TYPE	DIFIN	"			3107		AHQM	ALT-818	X	103	. Asro	CITY	N3 mi/1	µg = +1/5	µ8 + 41/1	ug = 01/1	yg = 01/1	ug - el/1	ρН
					\neg																	
	1		STD	0000	' ;	2280	3655	25	19	002	7886	. ' 00	00	15	312		1		'		'	' '
	05	3 0	B5	0000) ;	2280	36552	25	19					15	312							
			STO	0010) ;	2280	3655	25			7944		28		314							
			STD	0020		2281	3655	25		002	7991	00	156		316							
	053	3 0	85	0027		2281	36550	25							317							
			STD	0030		2281	3655	25			8046		84		318							
	0.5.4		STD	0050		2281	3655	25		002	8125	01	40		321 321							
	053	3 0	BS	0053		2281	36550 3652	25		003	7832	^2	10		319							
	053		51D B5	0075		2258	36511	25 25		002	1032	02	10		315							
	05	, ,	510	0100		2067	3658	25		003	2395	0.2	73		274							
	053		85	0105		2034	36590	25		002	2373	0.	. , ,		266							
	٠,	, ,	STD	0125		1964	3658	26		001	9864	03	26		251							
			STD	0150		1897	3658	26			8292		73		236							
	053	3 0	BS	0157		1883	36572	26						15	233							
			STD	0200	1 1	1843	3654	26	36	001	7443	04	63	15	228							
	053	3 0	B5	0211		1834	36538	26	38						228							
			510	0250		1814	3652	26			7063		49		228							
		_	STD	0300		1788	3649	26		001	6831	0.6	34		228							
	053	3 0	B5	0315		1781	36476	26							229							
	0.5.1		STD BS	0400 T0420		1746 1732	3641 36390	26 26		001	6751	00	02		232 231							
	053	, ,	5TD	0500		1657	3626	26		001	6089	0.9	66		220							
	053		85	0527		1620	36192	26		001	000,	0,	00		212							
	٠,	, ,	STD	0600		1489	3596	26		001	4812	11	20		181							
	053	3 0	B5	T0631		1427	35863	26							165							
			5TD	0700	1 :	1238	3558	26	98	001	2648	12	58	15	110							
			STD	0800) [1000	3528	27	19	001	0618	13	74	15	039							
	053		85	0842	. (912	35186	27						15	012							
			STD	0900		1806	3514	27			8563		70		981							
			STD	1000		0650	3507	27		000	6838	15	47		937							
	053	3 0	B5	T1054		0580	35042	27							917							
			STD	1100		0566	3504	27			5993		70		919							
			5 T D	1200		0536	3503	27			5745 5400	-		-	924							
			51D 51D	1300		0506 0475	3502 3502	27			5499 5243		26		928 932							
			510	1500)445	3501	27			4981	18			936							
	053		85	T1593		0417	35003	27		000		10	-1		940							
	00.		-5	, , ,	,		22403															

REPERENCE	SNIP					==	MAR		STAT	GMT	TIME		T	DI	tiG1N A	TOR'S		DEPTN	MAR			AVE		WEA		LOUD			NODC	
CODE NO.	3000	LATITUE		LDNG	1/10	100	squ			_		TE AR		ND.		NOTA		TO BOTTOM	DF			VA TIOP		COD		DDES			STATION NUMBER	
\vdash			1/(0			+	10"				NR.1/10		-	-		1 AT 185 11	-		15 MrL	+	\rightarrow	GT PER	31 A	-	177	H AM1	-			
311386	ME	31535	N I	0674	1 W	1 1	115			_	101	196	8 1		003			4846	05	0	9 2	2		X 1	1 6	3 2	1		0003	
								WAT	_	-	WIND		ARO-		R TEM	_	VIS.	NO. DBS.		ECIAL										
								COLDS	TRANS.	DIA	POSC	100	ABTS Nbal	BU		WET	CODE	DEPTHS	Dezes	VAND	42									
										05	508		83	21	7	200	7	13	_		\dashv									
							_			-	1	- -	1		_	1 4							7		_			1	_	77
	MESSENGE YIME 6	L CAST	TYPE		DEPTH	(m1	T	t	S	٠/	510	MA-T		PECIFIC		' DT	A. ₽		JND SCITT	021	1/1	PO q=1		DTAL-F		2-N	NO3-N	210		ć
	NR 1/10	1		_					-		-		\perp			1	103	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		_	#\$ * 07/	١.	g - o1/1	2.8	- 07/1	98 × 01/1	μğ = 187,	1	ıc
		1							1		1																	İ		
			5 T I	D	000			172	364			41	(0025	807	0.0	000		284											
	101		085	_	000			172	364			541							284											
			511		001			174	364			40		0025			126		286											
	101		5 TI		002			175	364			340 539	(0025	912	00	152		288 289											
	101		5TI		002			176 176	364			39	,	0026	020	0.0	378		299											
	101		0B5		004			176	364			40		0020	029	0.0	0 10		293											
	101		511		005			176	364			540	-	0026	000	0.1	130		293											
	101		085		007			173	364			540	`	0020	,,,		. , 0		296											
			5 T		007			173	364			40	(0026	137	0.1	195		296											
	101		085		000			176	364	+37		540							301											
			5TI	D	010	0	2	161	364	• 5	25	545	(0025	798	02	260	15.	297											
			5 T	D	012	5	2	049	36	7	25	85	(2500	096	03	320	15	273											
	101		085		014			980	360			07							259											
			5T		015			969	360			09	(0019	865	03	372		256											
	101		085		019			890	365			28						15												
			5TI		050			885	36			29		0018			+67	15												
			5T		025			845	365			37	(0017	255	0:	56		237											
	101		085		028			821	365			41	,		222	0.6			237											
	101		5 TI		030			818 786	365			42	(0017	232	Ü¢	543		238											
	101		511		040			78C	365			49	,	0016	000	0.6	314	15												
	101		085		047			730	364			555	,	0010	707	0.			240											
	101		5 T		050			713	36			556		0016	523	0.9	981		238											
	101		085		057			623	36			564	,	10				15												
			5T		060			546	36			575	(0014	906	11	138		200											
			5 T		070			286	35			700		0012			276		128											
	101		085		074		1	184	355	10	27	703						150	097											
			51		080		1	034																						
	101		085	Ţ	087	3	0	856																						

Table XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3-4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

	DEPTH OFFTH ORSERVATIONS THER CODES STATION
	BOTTOM STAPL'S OR HOST SEA CODE TYPE AMT
7/0 7/0 10 10 10 10 10 10 10 10 10 10 10 10 10	
WATER WIND BARD. AIR TEMP. TO VIL	NO. SPECIAL
COLOR TRANS OR STEEL CRY WET COOK	DEPTHS OBSERVATIONS
07 503 201 223 194 7	14
MESSINGS CAST CARD DEPTH (m) T "C S "/ SIGMA-T MICHIC VOLUME & ADD DTM. M. ADDMATC-318" v. 167	SOUND PO4-P SOTAL-P NO3-N SI O4-SI PN PN PN PN PN PN PN P
NO 1/10 NO. 149E OFFI NO X 103	VELOCITY
STD 0000 2190 3649 2540 0025889 0000	15289
151 085 0000 2190 36491 2540	15289
5TD 0010 2190 3649 2540 0025906 0026	15291
STO 0020 2189 3650 2540 0025897 0052	15292
151 085 0024 2188 36498 2541	15292
STO 0030 2186 3650 2541 0025855 0078	15293
151 085 0049 2180 36492 2543	15294
STO 0050 2180 3649 2543 0025796 0129	15295 15298
151 085 0074 2176 36506 2545 570 0075 2168 3651 2547 0025455 0193	15296
310 0013 2100 3031	15258
200	15257
310 0100 2002 3000 2000 2000	15243
310 0123	15235
151 085 0148 1895 36579 2626 5TO 0150 1893 3658 2626 0018208 0348	15235
STD 0200 1852 3656 2635 0017509 0437	15231
151 085 70200 1852 36561 2635	15231
570 0250 1831 3655 2640 0017256 0524	
151 085 0298 1811 36529 2643	15235
STD 0300 1810 3653 2643 0017083 0610	15235
151 085 T0392 1776 36468 2647	15240
STO 0400 1774 3646 2647 0017047 0781	15240
151 085 0494 1721 36383 2654	15239
570 0500 1715 3637 2655 0016642 0949	
151 085 10592 1600 36149 2665	15216
STD 0600 1582 3612 2667 0015710 1111	15212
5TO 0700 1357 3574 2687 0013890 1259	
151 085 0787 1164 35470 2704	15097
5TD 0800 1130 3544 2708 0011829 1387 5TD 0900 0897 3521 2731 0009551 1494	
310 0700	14968
194	
1000	
57D 1100 0669 3505 2752 0007392 1659 570 1200 0610 3504 2759 0006757 1730	
STO 1300 0551 3503 2766 0006124 1795	
5TO 1400 0492 3501 2772 0005502 1853	
151 085 11478 0446 35002 2776	14933
171	

REFER	IO.	SHIP	LATITUGE	LO	GITUOE	DC 18	SOU	DEN	AT2	(GMT)	IME	YEAR	CRUISE	DRIGINA	NOITA	\dashv	CEPTH	DEPTH.	Ons	ERVA		WEA	COOF		5	NOBC	
CODE	NO.	CODE	1/1	10	* 1/10		10"	12	MO	DAY	(R,1/10		NO.		UMBER	_	MOTTON	S'MPL'S	D/L	HGT	M-R 56	COOE	TYPE A M	1	N	UMBER	
311	386	ML	31555N	07	0072W		116	10	12	03	195	1968	A68	005	,	- 1	5121	15	25	1	3	×1	6 6		- 1	0005	
								WA	TER		ONIN	BAR	0	IR TEM	P C	VIL	NO,	****	CIAL								
								COLOR	TRAN	S. OIR.	1PERC			SIY	WET	CODE	OBS. GEPTNS	OBSERV									
								CODE	IAA	-	PORC		_	ULA		-	-										
										25	507	17	3 2	18	187	7	14	l		Ц_						_	_
		MESSENGE		CARO	GEPTH		١.,	€		s °/	110	MA-T	SPECIFIC	YOLU A	41 25	A 0	50	UNO	02 ml/l		4-P	101A (-P	NO2~N	NO3-N	\$1 O4-\$1	βН	s c
		TIME HR 1/10		TYPE	Otr IN	(m)	'				210	i	ANOM	ALT-BYS	1	152	, AETI	OCITY	Q 2,	× R	- 01/1	ug = 01/1	yş - at/1	yg = 61/1	μg = α1/1		c
									Т											1							
		1	' '	5 T D	000	0	2	217	36	648	2.5	31	002	6729	9 0	000		296		,							
		199	5 0	085	000		2	217		6475		31						296									
				5TD	001			205		548		34		6445		027		294									
				510	00.51			196		547		37	002	6250	0 00	053		294									
		195	5 0	985	002			193		5474		38				270		294									
				510	003			192		48		38		6136		079 131		294									
				510	005			187 187		549 5492		541 541	002	299:	, 0	1 2 1		296									
		19!		85	207			181		5491		642						299									
		19:	> 0	STO	007			175		550		345	002	5714	4 0	196		298									
		19	5 0	185	009			066		5655		86		_			15	275									
			,	510	010			060		565		88	002	170	3 0	255		273									
				510	012	5	1	995	36	563	26	504	002	0284	+ 0	308		260									
		195	5 0	085	014			944		5615		16						249									
				510	015			942		561		516		918		357		249									
				510	020			917		561		22		8741		452		250									
				510	025			891		660		28		835		545 636		252									
		19		5TD	030 1039			865 816		658 5534		534	001	0041	, ,	0 3 6		253									
		19	> (510	040			813		553		543	0.01	748	2 0	813		253									
				510	050			761		649		553		685		985	15	253									
		19	5 0	085	1059	7	1	710	31	6352	26	554						253									
				5TD	060	0	1	706	30	634	26	555		697		154		252									
				510	070			548		605		669	001	575	В 1	318		217									
		10	5 0	085	079			352		5748		886						166									
				510	080			346		574		589		393		466 591		077									
				510 510	090			055 818		539		718 736		910		692		002									
		19		385	T100			818		5117		736	000	710		,,,		002									
		19	,	510	110			745		510		745	000	824	4 1	778		990									
				STD	120			671		507		754		741		857	14	978									
				STD	130			598	3!	505		762		660		927		965									
				510	140	0	0	524		503		769		582		989		952									
				STO	150			451		501		776	000	505	5 2	043		939									
		19	5 (385	T150	2	0	449	3	5009	2	776					14	938									

Table XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3–4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

									1-1	90	·····	2011	tmu	cu								
CTET ID.	SHIP	LATITU	DE LO	NGITUDE	MOCTE NOCTE	ARSDEN	STATIDI (G)	N TIME NTI	٧	EAR	CRUISE	ROTARI		DEPTH	MAX. DEPTH	OBS	WAVE ERVATIONS		CODE		S1	HODE
311386	_	3214	1/10	1/16 10350w	- "		MO DA		$\overline{}$	968	NO.	06	EER	5121	15		1 2	IA COD	TIPE AN	+	_	UMBER
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Table XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3–4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

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REPERENCE	SNIP	LATITUGE	LON	GITUOE B	MARS	OEN	STATION TH	WE	TEAR	CRUISE	UGINAT	TION	°	TO	DEPTH	005	WAVE ERVATIO	INS.	WEA-	COOLS		ST	ATION	
CODE NO.	COOF	1/10		1/10	10°		HO DAY N	1/10		NO.		MEER	90		OF S'MPL'S	DR.	HG# PER	3EA	COOE	TYPE A MI		NI.	JANBER	
101		1710	-							t t			1.		1.0	-0	2 3		77	6 7			0008	
311386	ML	3254 N	071	.30 WI I	116		12 04 0		1968		008			121	15	08	12 13	1	X1	617	ı	, ,	0000	
					ļ	WAT	_	IND	BAR	>- ├──	R TEMP		VIL I	NO. OES.		CIAL								
						COLOR	TEAMS OIR	PORCE	1.00			WET C		EPTHS	OSSERV	ATIONS								
						-		_	+-	\rightarrow		101	7	14	_	=								
							20	510	12	9 21	4	7	<u> </u>	14			_					_		
	MESSENGE		ARD	DEPTH (m)		₹	s %.	96	WA-F	THEIRC		OYN	. M.	sou		02 = 1/1	PO4-		OTA L-P	NO3-N	NO3-N	12-6012	pN	C C
	HR 1/10	NO. T	798	DEF 174 0				""		AHOMA	(1-Z/6,	X.	102	AEFO	CITY		16.0	1/1	PE - 81/1	ug - e1/1	µg - el/t	μ§ • σ1/1		c
	1	'',	TO I	0000	٠,	174	3654	25	48	0025	116	00	00	152	85		1							
	055	0.8		0000		174	36539	25		001		•		152										
	055		TD	0010		175	3654	25		0025	176	00	25	152										
			TD	0020		176	3654	25		0025		00		152										
	055	08		0024		176	36540	25						152	290									
	0,0,0		STD	0030		176	3654		48	0025	264	00	76	152	291									
	055			0047		176	36547	25	48					152	294									
	0,00		i TD	0050		175	3655	25	48	0025	285	01	26	152	294									
	055			0072		172	36539	25	48					152	297									
			STO	0075	2	173	3654	25	48	0025	359	01	89	152										
	055	0.6	35	0095	2	176	36543	25	48					153										
			STD	0100	2	154	3655		54	00 24				152										
			STD	0125	2	050	3657		84	002	2122	03	11	152										
	055	. 08	35	0143		979	36572		03					152										
			STD	0150		949	3657		11	001	9653	03	63	152										
	055	0.6	35	0191		808	36525		44		_		_	152										
			STD	0200		801	3652		45	001				152										
			510	0250		756	3646		52	001	5119	05	36	152										
	055		35	0287		715	36387		56			0.6	1.5	152										
			STD	0300		698	3635		57	001	5731	06	15	157	174									
	055		_	T0384	_	576	36114		68	001	. 701	07	47		168									
			STO	0400		548	3607		71	001	4701	0 /	01		133									
	055		85	0482		406	35861		86		27/2		07		127									
			STD	0500		378	3581		88	001	3263	. 09	0 /		094									
	055		85	T0579		248	35605		02	001	2025	. 10	34		081									
			STO	0600		204	3554 3528		118		0528		46		025									
			STD	0700 0778		869	35150		30	001	0020				985									
	055		85	0800		830	3514		36	000	8770	1.2	43		974									
			STD	0900		674	3511		756		6750		20		930									
	000		STD 85	T0978		575	35090		68	000	-, -				903									
	055		85	T1502		425	35005		778						928									
	055	,	0 9	11302		467	,,,,,																	

EPERENCE	SNIP	LATITÚ	OF LO	ACITUDE TO	MARSOEN SQUARE	STATION TIA	AE YEAR	ORIGIN:	ATON'S	GEPTH TO	OFFIN		WAVE ERVATIONS	WEA-	CLOUG		S .	NOOC
IN IC.	CODE		1/10	1/10 8 2		MO CAY HE			UMBER	BOTTON	S'MFL"	COL.	HGT PER SE		TTPE A N	7	٨	UMBER
11206	c 41	2211	-	205 W	116 32		83 1968	A68 00	9	5121	19	0.8	2 4	X 2	6 8			000
11386	6 ML I	3311	N 07	205 WI	110 32		N 0	419 751		NO.	1	<u>, </u>	-1-1	1	, .,	1	,	
					COLOR	I	SPEED MET	0-		015.	342	ATIONS						
					CODE	IMI DIR.	PORCE (mb	a) BULB	BULA	DE DEPTNS	1							
						20	514 10	5 217	189 7	14								
	MESSENGE	CAST	CARD	DEPTN (m)	1 10	5 %.	SIGMA-T	THCIFIC VOLU	ME ZA	02 0	UND	02 ml/1	PO4=P	TOTAL-P	N03-N	NO3-N	\$104-5	9.3
	11ME NR 1/10	NO.	TYPE	DEVIN ON			siQma-1	*HOMALTI	a 10	VEL	O-C114		μg = α1/3	μg - α1/1	μη = 01/t	yg - 01/1	µg - 01/	
															l			1
			STD	0000	2156	3653	2552	002467	4 000		281							
	083	3	085	0000	2156	36534	2552				281							
			510	0010	2156	3654	2553	002470			282							
			STD	00 20	2156	3654	2553	002474	4 004		284							
	083	3	085	0028	2156	36536	2553				285							
			STD	0030	2156	3654	2553	002477			286							
			STD	0050	2155	3654	2553	002401	/ 012		290							
	083	3	085	0056	2155	36539	2553	002491	3 018		293							
			STO	06.75	2154	3654 36532	2553 2553	002491	, 010		294							
	083	3	085	0(85	2154	3656	2579	002253	9 024		274							
			510	0114	1999	36572	2598	002273	, 0		258							
	083	5	085 STD	0114	1963	3657	2607	001991	2 029		250							
			5 T D	0150	1896	3656	2624	001841			235							
	0.8	2	085	0172	1854	36549	2634	0010.			227							
	Ų d .	,	STD	0200	1837	3654	2638	001729	8 043		227							
	08	2	085	T0232	1820	36526	2641			15	227							
	00.	,	STO	0250	1815	3652	2642	001708	7 052	1 15	228							
			STD	0300	1798	3651	2645	001692	5 060	6 15	232							
	08	3	085	0354	1776	36478	2648			15	234							
		-	510	0400	1769	3646	2648	001693	5 077	6 15	239							
	0.83	3	085	0477	1708	36348	2655				232							
			STD	0500	1669	3628	2659	001622			224							
			STO	0600	1484	3596	2676	001470	4 109		179							
	08	3	085	0603	1478	35947	2677				177							
			STO	0700	1265	3561	2695	001296	4 123		119							
	0.8	3	085	10729	1202	35527	2701		2 120		102							
			5TD	0800	1007	3535	2723	001023			042							
			510	0900	0785	3515	2743	000815	6 144		974							
	0.0	3	085	0987	0641	35036	2755	000686	7 151		930							
			STD	1000	0632	3503	2756	000611			919							
			STD	1100	0565	3502 3501	2763 2770	000511			912							
		2	STD	1200 T1244	0508 0486	35006	2772	0000002	0 104		910							
	0.8	3	085		0486	35006	2773	000525	6 169	_	916							
			5 T D	1300	0411	3500	2774	000517			926							
			510	1500	0446	3500	2776	000508			937							
			510	1750	0446	3499	2779	000384			963							
	08	3	085	T1895	0385	34985	2781	300.04			978							
	0.0	2	003	11097	2362	2.702	2.01			_								

Table XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3–4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

REFERENCE	T														_,												
CT#Y 10.	COOR	LATITU	30.	LONGITUDE	50 SQ	I SOEN	STAT	OH T		YEAR	-	Oligi			_	DEPTH	MAX. GEPTH		WAV	·e	WEA		ouo			ноос	1
CO04 HO.	10001	•	1/10	1/10	10*	110	MO	DAY IN			CBU		STAT			TO MOTOM	OF S'MPL'S		BSERVA		THER		DOES			TATION	
311386	ML	3332	N C	7233 W	116						1.		_		-				HGT 4		4 0001	TTP	A AA1	-		UMBER	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		2222	,,,,	11233 W	1110	WAI			117]	968	-	A DR TE		- 1	_	5049	15	24	2 .	2 .	X1	6	16	Į	- 1	0010	
						COLOR	TRANS	OIL	3810	MET		ORT		_	VIS.	NO.	SPEC	IAL									
						COOE	t=1	OIL.	FORCE	imb	11	BULB	81	ila		2HT430	OBSERVA	r DOM 2									
					_	1		20	517	07	8	217	1	89	7	14			1								
	MESSENGE TIME		CARO	GEPTH N		1 10	Τ.		1	_	THE	IFIC VOLU		¥ /	10	Т (_							_	_	_
	HR 1/10	T NO.	TYPE	OEFIA 8	" '		,	*/	SIGM	A - T		OMALT-I		OTN	1. M. 10 ³	VELO		02 ml/		4-P	PR - BIVI	NO:		403-N	\$104-51	eN.	1
					_		1		+		-		\dashv		10-	-	_		170		M - 8131	10.	401	## - #V!	vg - a1/[0
	'	' '	510	0000	, ,	214	364		262	^		2420	ا ي			1	1		1		1						T
	117	,	085	0000	_	214	364		253 253		00	2680) /	00	00	152											٠.
			510	0010	_	216	364		253		0.0	2688		00		152											
			STD	0020		218	364		252			2695		00		152											
	117	,	085	0023		218	364		252		00	2013		00	, 4	153											
			510	0030		217	364		253		00	2697	5	00	a 1	153											
	117		085	0045	2	214	364	56	253		-		-		0 1	153											
			510	0050	2	209	364	6	253	2	00	2681	7	01:	35	153											
	117		085	0067	2	190	364	65	253	8						153											
			STD	0075		184	364	7	254		00	2618	5	020	01	152											
	117		085	0089		164	364		254							152	97										
			510	0100		123	365		256			2421		026		152											
	117		5T0 085	0125		043	366		259		00	2158	1	032	21	152											
	11,		510	0131		026	366		259							152											
	117		085	T0173		980 934	366		260		00.	2006	9	037	73	152											
			SID	0200		904	366 366		261			1050	_			152											
			STD	0250		863	365		2634			18535		047		152											
	117		085	0254		860	365		263		00	1785	9	056	1	152											
			STD	0300		844	365		263		00	17749	ς,	065	. 0	152											
	117		085	T0332		931	365		2639		00	1	-	000		152											
			STD	0400	18	300	365		2645		00	17316	6	082	5	152											
	117		085	0421	1	791	365	01	2646					- 7 -		152											
			STD	0500	17	761	364	4	2649	9	001	17225	5	099	8	152											
	117		085	T0513		752	364.	29	2650)						152											
			510	0600		65	362		2658		001	16594	4	116	7	152											
	117		510	0700			3599		2673		001	15305	5	132	6	1520											
	117		085	0707			359		2675							1520	00										
	117		51D 085	0800			3560		2699		001	12875	5	146	7	1512	29										
	117		085	T0899			3528		2717							1506											
	- 11		003	T1466	04	50	3499	16	2775	1						1493	33										

REFERENCE	SHIP	LATITL			MAR	SOEH	STAT	ION 1	TIME		T	Olugin	ATO	r's	GEPT	ш.	MAE.		WAVE	1	T 61000		-	
CODE NO.	CDOE	+	1/10	LONGITUDE BY				GMI		YEAR	CRUIS		TAT		10		OFPTH OF	Os	SERVATION:		COOF			STATION
311386		2250	_		10°	1*		_	HR,1/10	_	NO.	-	W U W	I ER	BO110	\rightarrow	S'MPL'S	DW.	NGT PER S	IA COD	E 1991 A4	9		NUMBER
1 211200	ol wr I	3350	N J	07305 w	116			_	151	1968	A68		_		457	2	06	23	4 2	X 1	8 4			0011
						WA	_	-	NINO	BAB		AIR TE	_	VII	NO.	Т	SPEC	TAS					'	,
						COLOR	TRANS.	DIF	04	77.61		DRY	W)	17 Icoo	DEPTH		DESERVA							
							_	18	527	.,		222	19	-	12	+								
	MESSINGE	CAST					1	10	1021		<u> </u>	. 6 2	4		12	_								
	TIME	NO.	CAR		T	70	2	٠/	SIG	T-AM		C AOFF		OYN. W		۰۵٥		O 2 ml/l	PO ₄ -P	TOTAL-I	NO2-N	NO1-N	\$104-	c. !
	HR 1/10				-		\vdash				*****	NEC1-41		x 103	. VE	LOC	ITY	w ,	yg = 81/1	22 - 61/I		μg - 81/1	PQ - 0	
													Т								1	-	_	+
			51			129	364			52	002	470	ο ΄	0000	11	52	73		1	1	1	I	1	1 [
	151		083			129	364			52						52	73							
			51			130	364		25			478		0025		52	74							
	151		085			130	364		25		002	488	2	0050	1.	52	76							
	101		51			130	364		25							52								
	151		085			129	364		25		002	489	3	0074		52								
			5 T			129	364		25 25							52								
	151		085			128	364		25		002	493	Ţ	0124		52								
			51			29	364		25		002	5014		0187		52								
	151		085	0081		29	364		25		002	20Ie	*	0181		521								
			5 T	D 0100		30	364		25		002	5119	9	0249		528								
	151		085		21	31	364	32	25	52				,		529								
			5 T			01	364	3	25	60	002	4434		0311		528								
	151		5 T			97	364		26		001	9319	9	0366	15	52:	34							
	151		085			47	364		26							22								
	151		51 085			78	364		26		001	6830)	0456	15									
	171		51			23	363		26							20								
	151		085			92	362		26		001	6144	•	0539	15									
			5 T			92	362		26							19								
	151		085	0353		61	362		26		001	6027		0619	15									
			5 T		15		360		266		001	5208		0775	15									
	151		085	T0417	15		360		266		001	200		0 (1)	15									
			5 T		14		358		261		001	4178		0922	15									
			5 T	0600	13	28	356	7	268			3531		1061	15									
	151		085	0650	13	0.2	356	43	269	90					15									
																-								

Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6–8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.

												,					
REFERENCE SNIP	nat ros	ACITUDE NOCTE	MARSOEN SOUARE	STATION TO		ORIGINATO	ON	DEPTH TO EOTTOM	MAX. CEPTH OF		VATIONS	TNER CODE	CLOUG		ST NI	ATION UMBER	
311484 HU 315	1/10 N 06	1/10		06 02 1	13 1969	A69 001	PC4	4023	5°MFL'S		G# PEB 18/	X1	8 6		_	0001	
13114041110 313	,		COLOR	ER W	INO BAR	O- AIR TEMP.	ET CODE	NO. OES.	SPEC	IAL		·					
			CODE	TRANS DUL	FORCE (mb	e) BULS AL)LII	DEPTHS	0411.								
MESSENGE CAST	CARD	T			504 17	3 228 2	22 6 ₹ ∆ D	sou	IND	02 ml/l	PO4=P	101AL-P	NO3-N	NO ₃ -N	\$104-51		13
TIME of NO.	TYPE	QEPTN (m)	7 7	5 %.	SIGMA=1	ANOMALT-BIST	X 103	VELO	CITY	0'3 mi/i	PE = 81/1	28 - 81/I	49 - at/1	νg - α1/1	ν <u>α</u> = σ1/1'	ρН	č
	510	0000	2284	3668	2527	0027087	0000	153	315		- 1			1)	11
113	085 510	0000	2284 2237	36678 3668	2527 2541	0025836	0026	153									
113	085	0010	2237	36679	2541 2553	0024702	0052	152									
	510 510	0020	2194	3668 3668	2569	0023205	0076	152	282								
113	085 510	0031 0050	2131 1982	36684 3664	2571 2608	0019607	0118	152	44								
113	OB5 510	0051 0075	1976 1904	36634 3661	2609 2626	0017955	0165	152									
113	085 STO	0076	1902 1862	36612 3659	2627 2635	0017187	0209	152									
113	085	0101	1861	36588	2635		0252	152	218								
	510 510	0125 0150	1842 1824	3657 3656	2639 2642	0016937 0016665	0294	152	215								
113	QB5 5T0	0152	1823 1798	36556 3651	2642 2645	0016551	0377	152 152									
113	0BS 5T0	T0202 0250	1797 1781	36512 3650	2645 2649	0016406	0459	152									
113	085	T0254 0300	1780	36501	2649 2650	0016474	0542	157	219								
113	5T0 0B5	T0304	1773	3649 36487	2650			152	224								
	510 510	0400 0500	1749 1664	3642 3627	2650 2659	0016750 0016178	0708 0872	157	222								
113	085 510	0507 0600	1656 1466	36257 3592	2660 2677	0014605	1026		221 173								
	STO	0700	1266	3562 35459	2696 2707	0012912	1164	15	120								
113	085 5TD	0762 0800	1057	3538	2717	0010912	1283	150	061								
	5TD 5T0	0900 1000	0853 0686	3521 3508	2738 2752	0008816 0007300	1382 1462	14	951								
113	085 5T0	T1014 1100	0666 0624	35062 3505	2754 2758	0006765	1533		945 943								
	510 510	1200 1300	0576 0528	3503 3501	2763 2767	0006321	1598 1659		940 937								
	5T0	1400	0479	3500	2772	0005440	1716	14	933								
	510																
113	085	1500 T1520	0431 0421	3498 34977	2776 2777	0005005	1768		929								
REFERENCE	085	T1520	0421	34977	2777	ORIGINATO	DR*S	144 0EFTH	929 MAX	0.00	WAVE	W EA-	CLOUD	Τ-	7.	NOOE	
REFERENCE	085		MARSOEN SQUARE		2777 ME YEAR		2*8C	14	929	OBSE	WAVE EVATIONS	WEA- 1HM COOE	CLOUD CODES	7	S N	NOOC TATION TABER	
REFERENCE SNIP	085 uot 1/10	T1520	MARSOEN SQUARE	STATION TI GMTI MO DAY N 06 02 1	2777 ME YEAR 8.1/10 60 196	ORIGINATO	OR'S FION ABER	0EFTH 10 00FTOM 4755	MAX. OEPTN OF S'MPL'	00	EVATIONS		CODES	7	_ N	NOCC TATION FUMBER	
REFERENCE SNIP CODE NO.	085 uot 1/10	T1520	0421 MARSOEN SQUARE 10° 1° 115 16	34977 STATION TO LIGHT! MO DAY IN D6 02 17	2777 ME YEAR 8,1/10 60 1965	ORIGINATE CRUISE STANO. NUM PAG9 002 AIR TEMP TER DRY	DR'S FION ABER	0EFTH TO 401TOM	MAX. GEPTN OF S'MPL'	OBSE S DIR.	RVATIONS	CODE	TYPE AM	T	_ N	DW#EE.	
CTRI ID. CODE LATE CODE 311484 HU 315	085	T1520	0421 MARSOEN SQUARE 10° 1° 115 16 WA	34977 STATION TO LIGHT! MO DAY IN D6 02 17	2777 ME YEAR 8.1/10 60 196 VINO BA SPEED ME OF ME	ORIGINATO CRUISE STA- NO. NUJ A 6 9 00 2 RO- RO- FR COPT BULB B	TON ABER	0EFTH TO ROTTOM 4755 NO. OSS. DEPTHS	MAX. GEPTN OF S'MPL'	OBSE 5 DIR 00	RVATIONS	CODE	TYPE AM		_ N	DW#EE.	T
## 100 CODE LATE CODE LATE CODE LATE CODE LATE CODE LATE CODE LATE CODE LATE CODE LATE CODE CODE LATE CODE CODE CODE CODE CODE CODE CODE COD	085	T1520	0421 MARSOEN SQUARE 10° 1° 115 16 WA	34977 STATION TI (GMT) MO DAY N 06 02 1 TER V TRANS. OBL.	2777 ME YEAR 8,1/70 60 196 VINO BA SPEED OF ON OF JONCE OF	ORIGINATO CRUISE STA- NO. NUJ A 6 9 00 2 RO- RO- FR COPT BULB B	TON ADER	0EPTH TO NO. ONS. DEPTHS .14	MAX. GEPTN OF S'MPL'	OBSE 5 DIR 00	RVATIONS	CODE	TYPE AM	NO ₂ -N y ₀ - o ₁ /1	_ N	0002	\$ C C
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Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6–8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

	HIP L	SOUTITA	LONGITUOE	MARSDEN	STATION IG A1	TIME	YEAR	ORIGINA CRUISE ST	ATOR'S	DEPTH	MAX. DEPTH	OBSI	WAVE ERVATIONS	WEA-	CLOUD			NODC	7
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	005	0B5 51		2081 1987	36559 3659	2.5	75	0020094		15	267								
	005	085 51	0053	1969 1832	36591 3652	26	07	0016883		15	240								
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		5 T		1770 1763	3651 3651		52	0015659											
	005	085	0159	1761	36508	26	54			15	198								
	005	5T 0B5	T0214	1755 1752	3649 36484	26	54	0015708		15	204								
	005	5 T O B S		1745 1740	3648 36470		56	0015716	0449	152									
	005	5 T 0 B 5	0 0300	1725 1713	3643 36406	26	57	0015779	0528	15									
	005	5 T	0 0400	1648	3627	26	63	0015490		15	201								
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	005	51 085	D 0600 0682	1303 1125	3570 35446		95	0012808	0970	150									
		5 T 5 T	D 0700	1083 0872	3541 3525	27	14	0010943		150)54								
		ST	D 0900	0697	3511	27	53	0007092		149	39								
	005	085 5 T		0605 0594	35044 3504	27 27		0006229	1332	149									
		5 T 5 T		0562 0530	3504 3503	27 27		0005950											
		ST	D 1300	0499	3503	27	72	0005389	1507	149	25								
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311484 HU	32	1/16 14 N 0	7035 W	10° 1° A 116 20 C WATI COLOR COO!	16M1) AO OAY H 06 O3 O R W TEANS OIR.	73 1 //HO 3/HED 00 FORCE 510	969 BARO- METER (mbail 156	A69 004 AIR TEMP. ORY BULS 8	TION MEER 5	300 NO. OBS. DEPTHS	DEPTH OF SMPL'S	OBSERT	VATIONS ST PER SEA	THER CODE	TYPL AM1		0	AND ER	T.1
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311484 HU	32	1/16 14 N O	0000 0000	116 20 C WATI COLOR COO!	16M1) AO OAY H O6 O3 O R W TEANL OIR S '/	1/10 73 1 7/10 3/160 3/160 5/10 5/10 5/10 5/10 5/10	969 BABO-METER (mbail 156	AG9 004 AIR TEMP. ORV. BULS 6 228 PECIFIC VOLUME ANOMALT—TIS ⁷	TION MEER 5 WET CODE CODE CODE CODE CODE CODE CODE CODE	300 NO. 085. 00 PFTHS COUNTY FLOCO	DEPTH OF IMPLIES IN THE IMPLIES IN T	OSSER	VATIONS 37 PER SEA 2	THER CODE	8 6		0	004	\$ C C
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311484 HU	32 NGB CA 10 P NC	1/16 1/4 N 0 0 1/4 N 0 0 1/4 N 0 0 1/4 N 0 0 1/4 N 0 0 1/4 N 0 0 1/4 N 0 0 1/4 N 0 0 1/4 N 0 0 1/4 N	0000 0000 0000 0010 0011 0020 0030	116 20 C WATH COLOR COOF 2281 2280 2280 2281 2136	(GM1) AO OAY H O6 O3 O OR REANE OIR 14 5 '/ 3653 36530 3655 3658 3660	73 17/10 73 17/10 773 17/10 37/10 57/10 51GM 251 251 251 254 256	969 BAND-METER (mbel 156 A-7 1	AG9 004 AIR TEMP. ORV. BULS 6 228 PECIFIC VOLUME ANOMALT—TIS ⁷	TION MEER 5 WET CODE CODE CODE CODE CODE CODE CODE CODE	300 NO. 0085. DEPTHS COUNTY LOCAL SOUNTY LOC	DEPTIN OF OF OF OF OF OF OF OF OF OF OF OF OF	OSSER	VATIONS 37 PER SEA 2	THER CODE	8 6		0	004	9 C C
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Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6–8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

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CTET ID.	SNIP	LATITUE	DE LO	GITUDE ESSE	MARSDEN	STATION TIN	1 -	ORIGINATO	ION .	DEFTH TO BOTTOM	MAX. DESTH	OBSEN	AVE VATIONS	WEA-	CLOUG		51 N	ODC ATION JAMBER
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722101					COLOR CODE	ER W	SPEED SARC	D- AIR TEAMP.	21V 131 COD8	NO. OBS. DEPTHS	SFEC	IAL TIONS						
					CODE		515 15		22 7	14								
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	HR 1/10									+								
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	129		51D 085	0010	2340 2340	3655 36552	2501 2501	0029585	0030	153 153	329							
			STD STD	0020	2263 2189	3657 3658	2525 2547	0027370	0058 0084	153 152								
	129		085 5T0	0035	2156 2076	36582 3659	2556 2579	0022367	0132	152 152								
	129		085 510	0055	2054 1995	36591 3659	2585 2601	0020367	0186	152 152	251							
	129		085 STD	0083	1973 1930	36594 3660	2607 2618	0018796	0234	152 152								
	129		085 510	0110 0125	1909 1889	36600 3659	2624 2628	0017934	0280	152 152								
	129		51D 085	0150 0165	1861 1848	3658 36579	2635 2638	0017413	0325	152 152								
	129		510 085	0200 T0218	1829 1820	3657 36558	2642 2643	0016888	0410	152								
	129		ST0 085	0250 T0278	1807	3654 36521	2645 2647	0016751	0494	152								
	129		ST0 085	0300 T0330	1786 1772	3651 36486	2648	0016638	0578	152	228							
	167		STD STO	0400	1750 1659	3643 3627	2651 2660	0016701	0745	152	233							
	129		085	0551	1586 1443	36158 3592	2669 2682	0014112	1059	152								
			STD	0700 0800	1181	3552 3523	2705	0011977	1190	150	90							
	129		085 STD	0809	0941 0787	35213 3514	2724	0008260	1394	150	18							
	1.70		ST0 085	1000 11098	0644	3507 35022	2757	0006749	1469	149	734							
	129		STO	1100	0531	3502 3501	2768	0005623	1530 1586	149	905							
			5T0 5T0	1300	0484	3501 3500	2772	0005329	1640		919							
			510 510	1400 1500	0461 0438 0402	3499 34980	2776	0005015	1744	149	933							
REFERENCE	129		085	T1655	MARSOEN	STATION T		ORIGINAT	DA'S	DEPTH	MAX.		WAVE	WEA	Toloud			NCOC
CT8Y 10.	CODE	LATITU	DE LO	HGITUDE BS	SOUARE 10° 1°	MO CAY H	R_1/10		IION MBER	07 M07108	OF S'MPL'S		2 A TIONS	THER	TIPL AM		5	TATION TATION TUMBER
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	MESSENGR FIME NR 1/10	CASI NO.	TYPE	DEPTH (m)	2.1	5 %.	SIGMA-T	SMCIFIC VOLUME	SAN N	. SOL	IND	0 2 ml/1	PO4=P ug = e1/i	20744=P #8 = #1/1	NO2-N pg - al/1	NO3-N 19-01/1	\$1 O a — \$1 pp = 61/1	рΗ
									\$ △ D DYN. M ± 10 ³	7110	OCHA		94 4.71					
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	192 192 192 192 192 192 192		085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085	0000 0010 0020 0030 0030 0051 0075 0076 0100 0102 0125 0153 0200 1025 0258 0300 0500	2454 2451 2431 2385 2263 2129 2124 2044 2038 1989 1946 1941 1887 1845 1840 1830 1826 1820 1750	36364 36364 36462 3647 36476 36568 36585 36585 36585 3661 3661 3661 3662 3662 36583 36583 36583 36583 36583 36583 36583 36583 36583	2453 2454 2464 2479 2482 2525 2565 2589 2560 2616 2616 2629 2630 2642 2642 2642 2642 2643	0034082 0033147 0031774 0027724 0023918 0021585 0020226 0019223 0018107 0017305	0000 0034 0068 0100 0160 0224 0281 0333 0383 0476	155 155 155 155 155 155 155 155 155 155	353 353 354 3354 3354 3351 3344 3318 7285 268 2250 2250 2242 2242 2254 2256							
	192 192 192 192 192 192		085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085	0000 0010 0020 0030 0030 0051 0075 0076 0100 0102 0153 0200 10224 0250 0258 0300 0512 0400 0500 0500 0500 0500 0500 0500 050	2454 2451 2431 2394 2385 2269 2263 2124 2044 2038 1989 1946 1941 18891 1849 1840 1840 1830 1826 1826 1826 1826 1826 1826 1826	36364 363642 36477 36476 36568 36585 3661 36585 3661 36615 3662 3662 3662 3661 3659 3659 3658 3659 3658 3658 3658 3658 3658 3658 3658 3658	2453 2454 2464 2479 2482 2525 2525 2565 2589 2561 2616 2617 2629 2642 2642 2642 2642 2642 2656	0034082 0033147 0031774 0027724 0023918 0021585 0020226 0019223 0018107 0017305 0017261 0017834 0016963	0000 0034 0068 0100 0160 0224 0281 0333 0383 0476 0565 0651 0826 1000	156 155 155 155 155 155 155 155 155 155	353 353 354 3351 3354 3351 3317 2285 2260 2250 2249 2242 2238 2242 2238 2242 2254 2254 2254 2254 2254 2254 225							
	192 192 192 192 192 192 192		085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085	0000 0010 0020 0030 0030 0032 0050 0051 0075 0100 0102 0153 0200 0258 0300 0312 0400 0500 0510 0600 0700 0763	2454 2451 2451 2394 2385 2269 2263 2124 2044 2038 1989 1946 1941 1887 1845 1840 1750 1750 1757 1877	36364 36364 36462 36477 36476 3656 3658 3658 3658 3661 3661 3661 3662 3662 3662 3661 3659 3658 3658 3658 3658 3658 3658 3658 3658	2453 2454 2464 2479 2482 2525 2525 2565 2589 2591 2604 2617 2630 2639 2642 2642 2642 2642 2645 2669 2689	0034082 0033147 00217724 0027724 0023918 0021585 0020226 0019223 0018107 0017305 0017261 0017834 0016963 0015530 0013944	0000 0034 0068 0100 0224 0281 0333 0476 0565 0651 0826 1000	1 19.1 15.1	353 353 354 3354 3354 3351 3344 3317 2285 2250 2250 2242 2242 2242 2254 2254 225							
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	192 192 192 192 192 192 192 192 192		085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 510 510 510 510 510 510 510 510 51	0000 0010 0020 0030 0030 0032 0050 0051 0075 0102 0125 0105 0153 0200 0258 0300 T0204 0250 0400 0501 0600 07763 0800 0970 1000	2454 2451 2451 2395 2269 2263 2129 20124 2038 1989 1946 1981 1887 1845 1845 1845 1820 1750 1874 1877 1877 1846 1877 1877 1877 1877 1877 1877 1877 187	36364 36364 36462 36476 36566 36568 36585 3661 3662 3661 3662 3661 3662 3661 36585 3651 3662 3661 36585 3651 3661 36585 36585 3651 36585 3	2453 2454 2464 2467 2479 2482 2522 2525 2565 2589 2604 2617 2630 2630 2640 2642 2639 2640 2642 2642 2639 2734 2755 2758	0034082 0033147 0031774 0027724 0023918 0021585 0020226 0019223 0018107 0017305 0017261 0017834 0016963 0015530 0013944 001661 0007549 0006758 0006758	0000 0034 0068 0100 0224 0281 0333 0383 0476 0565 0651 1000 1163 1310	15 15 15 15 15 15 15 15 15 15 15 15 15 1	353 353 354 333 354 333 343 333 343 333 344 225 225 225 225 225 225 225 225 225 2							
	192 192 192 192 192 192 192 192 192		085 510 510 510 510 510 510 510 510 510 51	0000 0010 0020 0030 0030 0031 0075 0076 0100 0102 0153 0200 0258 0300 0312 0400 0500 0510 0703 0800 0703 0800 0703 0800 0703	2454 2451 2451 2394 2385 2269 2263 2129 2124 2044 2038 1989 1946 1941 1887 1845 1840 1750 1729 1574 1377 1248 1148 1040 1070	36364 36364 36462 36477 36476 36568 36588 36585 3661 36615 3662 3662 3661 3659 36583 3659 36583 3657 36583 3657 36583 3657 36583 365	2453 2454 2464 2479 2482 2525 2525 2565 2589 2591 2604 2617 2630 2639 2642 2642 2642 2642 2645 2651 2669 2686 2710 2750 2750 2750	0034082 0033147 0027724 0023918 0021585 0020226 0019223 0018107 0017305 0017261 0017834 0016963 0015530 0013944 0011664 0009244 0007549	0000 0034 0068 0100 0160 0224 0281 0333 0476 0965 1000 1163 1310	15 15 15 15 15 15 15 15 15 15 15 15 15 1	353 353 354 33354 33354 33354 33354 33354 33354 33354 33354 33354 33354 33354 33354 33354 3355 335 3355 35							

Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

					3	1-14	184	.—Со	nti	nue	d									
GTET ID. COD		UDE LO	ONGITUDE SOUTH	MARSDEN SOUARE	STATION TI		rear	DRIGH CRUISE NO.	SFATIO	N	DEFTH TD BOTTOM	MAX DEFTH OF		WAVE ERVATIONS	WEA- THER CDDE	CLOUD			NODC	
311484 HL	333		7249 W	116 32	06 03 2	28 1	969	A69 00	7		4938	5'MPL'S	16	2 2	X 8	8 6		-	0007	
				COLDA	TRANS DIR.	SMEED OR	BARO	R DRT	WE		NO. OBS. DEPTHS	SPEC								
				CODE	16	517	lmbs	-	22		15	_	\dashv							
MESSE TIM NR 1	NGE CAST	CARO	DEPTH (m)	T *C	s */4.	SIGMA	4−T	ANOMALT-E	Mt B?	¥ △ 0 0 N. M 1 10 ³		JND	D3 m1/1	PD4=P up - st/i	TOTA L=9 ## * 01/1	NO3-N .	NO3-N ug - ai/I	51 Oa-5 yp - at/	рН	100
		STO	0000	2457	3638	245	4	003408	5	0000	15	354		1-1					-	#
2	28	085 510	0000	2457 2452	36382 3637	245		003407		0034	15	354 354								
2	28	085 510	0010 0020	2452 2425	36369 3639	245		003319	1	0068	15	354 349								
2	28	5TD 085	0030 0031	2386 2381	3643 36436	247		003183	6	0100		342 341								
2	28	510 085	0050 0051	2272 2266	3654 36546	252		002795	1	0160		319								
2	28	510 085	0075 0076	2120 2116	3659 36595	256° 2568		002360	9	0224		284 283								
2	28	510 085	0100	2055 2053	3660 36604	2589	5	002194	1	0281	15.	271								
		5 T D 5 T D	0125 0150	2017 1982	3661 3661	2596		002101		0335 0387	15:									
	28	085 STO	0152	1979 1915	36608 3660	2606		001875	6	0484	153									
	28	085 510	10203 0250	1912 1868	36602 3659	2623		001786	5	0576	157	249								
	28	085 510	T0255 0300	1864 1838	36584 3656	2634		001752	7	0664	152	244								
2.	28	085 ST0	10305 0400	1835 1817	36559 3654	2640	3	001750		0839	152 152	254								
2	28	570 085	0500 0505	1752	3644	2651	2	001701		1012	152	49								
2	28	510 510 085	0600 0700 0758	1633	3619 3592	2660	5	001636		1179 1336	152	92								
٤.	4 (1	5TD 5TD	0800	1365	35764 3562	2687		001263		1474	151	27								
2:	28	STO QBS	1000 T1009	0975 0759 0742	3532 3508 35067	2726 2742 2743	2	0010095		1588 1681	150	779								
		5T0 5T0	1100	0665	3505 3503	2753	3	000735		1759	149	59								
		ST0 5T0	1300	0526	3501 3499	2768	3	0005872	2 :	1891	149	36								
22	2.8	5TD 085	1500 T1516	0429	3497 34971	2776		0005025		1999	149	29								
		5T0 5T0	1750	0399	3497 3496	2778		0004910		2123	149 149 149	59								
22	8 8	085	T 20 10		34961	2780		0004000	, ,	,	149									
REFERENCE																				
CTRY ID. CODE	LATITE	1/10 LO	MGITUDE BO	MARSDEN SQUARE	STATION TIA		EAR	DRIGIN	TATIO	N	DEPTH TD IDTTDM	MAX. DEPTH DF S'MPL'S	DESI	WAVE ENVATIONS	WEA-	CODES		5	NDDC TATION	
311484 HU	3349	N 07	305 W		6 04 0		969	A69 00	8		4663	20		2 2	X 8	9 6	-		8000	
					RANS DIR	SMED DI FORCE	BARQ- METER (mbs)	DRY BULB	WET BULT	CODE	NO, DES. DEPTHS	SPEC DESERVA	AL TIDNS							
MESSIN	G9	CARD			08	S16	156		22		14			,						
HR 57	CAST NO.	TYPE	DEPTH (m)	37.1	\$ *4.	SIGMA	-t 1	MCMC ADPR	r I	₹ △ D DYN. M ± 10 ³	VELD.	CITY) ml/l			NO2=N vg · etr	NO3=N #8 + 81/1	51 D a = 51 #g = er 1	эн	CC
0.1	1 4	57D 08S	0000	2472 2472	3639 36393	2450		0034438	3 (0000	153						ĺ			П
01		STD OBS	0010	2472	3639 36392	2450		0034486		0034	153	59								
		510 510	0020	2421	3640 3641	2466		0033012 0031621		0068	153 153 153	49								
01	4	085 510	0030 0050	2372		2481		0027920		0160	153	38								
01		085 085	0050 0074	2278	36567 36577	2520 2553					153	20								
0 1	4	5 T 0	0075 0099		3658 36602	2555 2583	(0024764		1226	152	95								
		5T0	0100	2012	3660 3661	2584 2597		0022081 0020896		338	152 152	73								
01		085 5 1 0	0148	1971	36608 3661	2607 2608		0019929	0	1389	152 152	57								
01	4	085 510	0200	1912	36602 3660	2623 2623	(0018697		486	152 152	49 49								
01		510 085	0250 T0251	1871	3659 36586	2633 2632	(0017963	0	577	152 152	45 45								
01	7	08S 510	0300	1847	3657	2637		0017709		667	152 152	46								
0 1	4	ST0 085 510	0400 0491 0500	1766		2639 2650		0017866		845	152	53								
		510 510	0600	1657		2650 2658 2674	0	0017105 0016625	1	019	152	36								
01	4	085 5T0	0733	1441	35892	2681 2702		0015268		347 487	152 151 151	86								
01	4	ST0 085	0900	0989	3533	2725		010270			150	52								
01		085	1967			2781					149									

Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6–8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

															,	,			
REPERENCE	SNIP	LATITUO		NGITUDE TX	MAESDEN	STATION TO	ME	DRIGINA		OEPTH TO	MAX. DEPTH		WAVE LEVATIONS	WEA-	CLOUG		١,	HODE	
CODE NO.	CODE		1/10	1/10		MO FOAT IN			ATION	SOTTOM	OF S'MPL'S		HG 1 11 11		TIPE AM			MASE	
-	++							+ + -			1	$\overline{}$		1		1		22.22	
31148	4 HU	3357	N 07	7318 W			40 1969			4478	19	15	2 2	X1	8 3	1		0009	
					WAT	_	SAE MET		VIS.	NO. 015.	SPEC	IAL							
					COLOR	FRAME OIR.	OR IMET		WET COD	GEPTHS	OBSERVA	TIONS							
					1111	18	511 15	\rightarrow	222 7	15		_							
					,	18	211 112	(2 233		4			1 1				,		_
	MISSENGE TIME	CAST NO.	CARO	OFFTH (m)	1 1	5 %.	SIGMA-T	SPECIFIC VOLUM	£ 2 △ 0	sou		02 m1/1	PO4=P	10 TA L-P	NO3-N	NO3-N	SI O4~51	pH	
	HR 1/10	NO.	TYPE			"		ANOMALT-E18	I 103		OC1T7		µg = e1/l	NB + 01/3	µg = 01/1	μg = q1/l	NS - 41\(, , , , , , , , , , , , , , , , , , ,	
	1		510	0000	2388	3647	2481	0031484	0000	15	3 3 8		1		,	1			
	040		085	0000	2388	36470	2481			15									
	0.0		STD	0010	2385	3647	2482	0031439	0031	153	339								
	040		OBS	0010	2385	36470	2482			153	339								
			510	0020	2336	3647	2496	0030119	0062										
			5TD	0030	2290	3647	2509	0028899			319								
	040		OBS	0031	2286	36466	2510				318								
			STD	0050	2207	3656	2540	0026077	0147	153	302								
	040		085	0050	2207	36555	2540			153	302								
			5TD	0075	2107	3662	2573	0023052	0208										
	040		OB5	0075	2107	36620	2573			152									
			STD	0100	2043	3662	2590	0021516	0264										
	040		085	0100	2043	36616	2590				268								
			510	0125	1982	3658	2603	0020317	0316										
	040		0B5	0149	1931	36560	2615				245								
			510	0150	1929	3656	2616	0019227	0366										
	040		0 B 5	0198	1853	36558	2635				231								
			STD	0200	1852	3656	2635	0017531	0457										
	040		085	T0246	1829	36545	2640			15									
			STD	0250	1827	3654	2640	0017231	0544		232								
	040		085	T0295	1808	36516	2643		0/20		234								
			STD	0300	1807	3652	2643	0017100			234								
			STD	0400	1782	3650	2648	0016954	0800		243								
	040		OB5	0486	1760	36485 3646	2652 2653	0016799	0969		251 250								
			STD	0500	1749			0016375			232								
			510	0600	1643	3622 3595	2660	0015091			196								
	0.0		5TD	0700	1485	35941	2675 2676	0013041	1242		196								
	040		OB5	0704	1478	3556	2702	0012479	1430		116								
			5 T D	0800	0972	3525	2702	0012473			045								
	040		0B5	T 0 9 5 2	0865	35122	2729	3010332	2,74		012								
	040		510	1000	0806	3510	2736	0009031	1643		998								
			510	1100	0695	3506	2749	0007736			971								
			510	1200	0603	3503	2760	0006676			949								
			STD	1300	0521	3500	2767	0005889			934								
			510	1400	0457	3498	2773	0005262			924								
	040		0B5	T1444	0434	34975	2775	0007000			922								
	0.40		STD	1500	0429	3497	2776	0005020	1969		929								
			STD	1750	0404	3497	2778	0004950			961								
	040		OBS	1939	0386	34966	2780				985								

Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE SHIP			_ = MARSDEN	STATION TI	AA E		ORIGINAT	2*40	DEPTN	MAR.	1 ,	WAVE	WEA-	CLOUD			NODE	
CODE NO. CODE	LATITUDE 1/10	LDNGITUDE	SOUARE	MO DAT H		EAR C	NO. NU	TION MEER	ID TOM	DEPTH OF S'MPL"		GT FEF SI	THEF	CLOUD CODES		S	NODC TATION IUMSER	
311484 HU	3408 N	07335	w 116 43		67 14		A69 010		4206	21	است	2 2	X 1	8 5			0010	
			CDLE	OR TEAMS DIE	5P110 04 P04C1	METER (mbs1	DRY	WET COOL	ND. DBS. DEFTHS	DESERV	ATIONS							
				17	515	146	238 2	222 7	13									_
MESSENGE TIME OF ME 1/10	CAST C	ARD DEPT	N Smil T TC	5 %.	SIGMA	N=T S	MCHC VOLUME	₹ △ D DYN, M x 10 ³	ZD:U		03 ml/(PO4=P 92 = 81/1	107AL-P #0 - 01/1	ND2-N	NO3=N vg - el/l	\$1 Dra-\$1 pg = 01/1	βН	Š
7 7 7 10				-									-		-			Ħ
067	06	STO 00			2491		0030361	0000		339° 3 3 9								
067	06	35 00: STD 00			2494		0030013	0030	15:	340								
	5	TO 00.	20 2271	3661	2525	5 (0027329	0059	15	314								
067	0.8		32 2175	36592	2548 2552	2	0025235	0085		292								
067	90	5TO 00			2574		0022798	0133	152	270								
067	9 0E	STO 00		3662 36622	2593 2594		0021086	0186	152									
	5	10 01	00 1978	3661	2607	7 (0019879	0239	152	251								
067		TO 01.	25 1931	36613 3661	2608	9 (0018824	0288	152	242								
067	08	TO 01:		3660 36598	2628		0018098	0334	152									
067	08	TO 020		3657 36562	2635 2636		0017517	0423	152									
001	9	TO 025	50 1838	3655	2638	3 (0017451	0510	152	35								
		TD 040		3653 3650	2640		0017396	0597 0771	152									
067	06	TD 050		3646 36456	2649		0017169	0943	152									
	5	TD 060	00 1684	3628 3605	2655	5 (0016891	1113	152	45								
067	OB	5 076	66 1443	35887	2680)			153	92								
	9	TD 080	00 1080		2691	7 (0013747	1425 1550	151	186								
067	08	5 10 10 10 10 10 10 10 10 10 10 10 10 10		3517 35059	2734		0009376	1653	150									
	9	TD 110	0718	3505 3503	2745	5 (0008164	1740 1817	149	089								
	9	TD 130	00 0563	3501	2763	3 (0006414	1885	149	51								
		TD 140		3499 3498	2769		0005796	1946 2002	149									
067	0.0	5 T15		34972 3497	2777		0004901	2129	149									
0.67	5	TD 200		3497	2780		0004865	2251	149									
		c 21:					0004863	2631										
067	08	5 21:	31 0373	34969	2781				150				T .	T 6. 5. 10	1			1
BEFERENCE SHIP CODE	LATITUDE	LONGITUDE	31 0373	34969 STATION TI	2781		ORIGINAT			MAE DEPTH	OBS	WAVE RVATIONS	WEA THER CODE				NODC STATION NUMBER	
SHIP CODE NO.		LONGITUDE	31 0373 MARSDEN SDUABE 10 10 17 W 116 43	34969 STATION TI IGM11 MO DAY H	2781	TEAR C	ORIGINAT CRUISE STA HD. NU	OR'S TION MIER	150	13 MAX DEPTH	OBS	WAVE RVATIONS HGT PER SE	THER		1		NOITATE	
SHIP CODE NO.	LATITUDE 1/16	LONGITUDE	31 0373 MARSDEN SDUABE 10 10 17 W 116 43	34969 STATION TI (GMT) MO DAY IN 3 06 04 (CATER V	2781	7EAR 0	ORIGINAT CRUISE STA ND. NU A 6 9 0 1 1 Ark TEMP	OR'S TION MBER VIS. WET COO	150 DEPTH TO BOTTOM 4114 NO.	MAR. DEPTH OF S'MPL' 15	OBS	RVATIONS	CODE	TTPE AM	1		ETEMUN	
SHIP CODE NO.	LATITUDE 1/16	LONGITUDE	31 0373 MARSDEN SDUABE 10 10 17 W 116 43	34969 STATION TI (GMT) MO DAY IN 3 06 04 (CATER V	2781	7EAR 0	ORIGINAT CRUISE STA ND. NU A 6 9 011 A 18 TEMP BULE	OR'S TION MBER	150 DEPTH TO BOTTOM 4114	MAR. DEPTH OF S'MPL' 15	OBSE S OR 18	RVATIONS	CODE	TTPE AM	1		ETEMUN	
SHIP CODE NO.	LATHUDE 1/34	LONGITUDE 17	31 0373 MARSDEN SDUARE 10 116 42	34969 STATION TI (GMT) MO DAY IN 1 06 04 (CATER V OR TRANS DIR.	2781 IME Y IB.1710 D89 1 VIND SMITO OB FORCE	969 BARO-METER (mbs) 152	ORIGINAT CRUISE STAND. NU A69 011 AR TEMP BULE 238	OR'S ITION MBER WET COO BULL 2 3 3 7	150 DEPTH TO e0 TO MO. OBS. DEPTHS 14	MARE DEPTH OF S'MPE' 15	OBSE S OR 18	2 2 PO4-F	X 1	8 5	NO ₃ -N	SI Da-S	OO 1 1	
BEFERENCE SHIP CODE STATE HU	LATHUDE 1/34	07348	31 0373 MARSDEN SOUABE 10 11 116 43	34969 STATION TI (GMT) MO DAY MO	2781 IME VIND 389 11 Sinto city on Force 512	969 BARO-METER (mbs) 152	ORIGINAT CRUISE STA ND. NU A69 011 AR TEMP DRT BULE 238	OR'S TION MBER WET LOOS SULS 233 7	150 DEPTH TO e0 TO MO. OBS. DEPTHS 14	MAR. DEPTH OF S'MPL' 15	OBSI S OR. 18 CIAL (ATIONS	RVATIONS HGT 128 St 2 2	X 1	TYPE AM			OO 1 1	*00
STERRINGE SHIP CODE CODE NO. CODE CODE NO. CODE CODE NO. CODE CODE NO. CODE CODE CODE CODE CODE CODE CODE CODE	CAST C	LONGITUDE 17 07348	31 0373	34969 STATION T. (GMT) MO DAY M 06 04 (CA) OR (MANS DIR. (MANS	2781 IME	969 BARO-METER (mbs) 152 A-1 1	ORIGINAT CRUISE STAND. NU A69 011 AR TEMP BULE 238	OR'S ITION MBER WET COO BULL 2 3 3 7	DEPTH TO SOLUTION ORS. DEPTHS 14	MAX DEPTHON OF STAPE OF SERVING OBSERV	OBSI S OR. 18 CIAL (ATIONS	2 2 PO4-F	X 1	8 5	NO ₃ -N	SI Da-S	OO 1 1	2000
BEFERENCE SMIP CODE SAIP CODE NO. 11484 HU	3415 N	07348 AND DEPTI	31 0373	34969 STATION TI GMT1 MO DAY IN 3 06 04 (C ATER V DE TAME DIR. 19 5 */ 3651 36514 36505	2781 IME Y	969 BARO-METER (mbs1 152 A=1 1 7	ORIGINAT CRUISE STAND. NU A69 011 ARTEMP DRT RULE 238 SPECIFIC VOLUME AMOMALT—E19*	OR'S STON MEER VISUA WET COO BULLS 2 3 3 7 \$\frac{2}{2} A O O O O O O O O O O O O O O O O O O	150 DEPTH TO SOLUTION 4114 NO. OBS. DEPTHS 14 SDI VELO 15 15	MAR DEPTH OF S'MPL' 15 SPE OBSERV DND DCITY 352 352 353	OBSI S OR. 18 CIAL (ATIONS	2 2 PO4-F	X 1	8 5	NO ₃ -N	SI Da-S	OO 1 1	\$ CC
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BEFERNCE SHIP CODE CODE NO. CODE SHIP CODE NO. CODE SHIP	2415 N	07348 AAD 0FFT 07348 AAD 0FFT 00055000000	31 0373	34967 31ATION F. (GMT) MO DAT M	2781 IME T IL. 1/10 389 1: VIND SMEO CO IL. 1/10 SIGMA 246 246 246 247	969 BARO-METER (mbs) 152 A-1 1 7 7 7 7	ORIGINAT STATEMENT OF THE PROPERTY OF THE PROP	OP'S STON MEER VIL VIL VOI OO OO OO OO OO OO OO OO OO	150 DEPTIM TO SOLUTION 4114 NO. OBS. DEPTIMS 14 SDI YELG 15 15 15 15	MAR DEPTH OF STMPL' 15 SPE OBSERV	OBSI S OR. 18 CIAL (ATIONS	2 2 PO4-F	X 1	8 5	NO ₃ -N	SI Da-S	OO 1 1	2000
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######################################	CAST C, NO. C. C. C. C. C. C. C. C. C. C. C. C. C.	100 O O O O O O O O O O O O O O O O O O	31 0373	34967 STATES TO THE PROPERTY OF THE PROPERT	2781 Mt V V Mt V V Mt V V Mt V V V V V V V V V	969 BARDON 152 777711 4477773996600337706688611228833661199077552255339	OBIGINAT CRUISE STA MO. 1 AG 9 011 AG 9 012 238 238 0032515 0029328 0027193 0025240 0025240 002651 0019014 0018030 0017474 0017195 0016468 0015221 0019510 0019520 0019520	OFS WHIT CONTROL OFS OFS WHIT CONTROL OFS OFS OFS OFS OFS OFS OFS O	1500 DEFFINE 1500 THE PROPERTY 1500	13 MARE 15 SHEET 15	OBSI S OR. 18 CIAL (ATIONS	2 2 PO4-F	X 1	8 5	NO ₃ -N	SI Da-S	OO 1 1	<u> </u>
######################################	CAST C T NO. 1	100 O O O O O O O O O O O O O O O O O O	31 0373	34967 STATEMENT MO DAY D	2781 ME	77 7 7 1 1 4 4 7 7 7 7 1 1 4 4 7 7 7 7 1 1 1 4 4 7 7 7 7	GRIGINAT GRUENE STA MO. 10 AG 9 011 AG 9 011 AG 9 012 238 238 0032515 0029328 0027193 0025240 0016961 0017474 0017195 00169637 0016968 0017474 0017351 0010913 0010913 0010913 0010913	0000 0000	1500 DEFINAL ALL A	13 SPECITY 15 SPECITY	OBSI S OR. 18 CIAL (ATIONS	2 2 PO4-F	X 1	8 5	NO ₃ -N	SI Da-S	OO 1 1	- NOW

Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6–8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

CIN ID.	SHIP	LATITUD			S sor	SDEN	STATION (GM)	1	YEAR			STA TIO	NC.	DEPTH TO EDITOM	MAE. DEPTH OF		WAVE ERVATION:	600	CODES	-	51	OOC ATION UMBER	
CODE NO.	-		1/10	1/10	10*	1. /	MO DAY	HR,1/10		+	NO.	NUMI	ER		S'AAPL"	_	MGT PER	IEA .	TYPE A 40	1			
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						WAT		WINO		RO-	AIR TE	7	VIS.	NO. OBS.	SPE	CIAL							
						COLON	TRANS DIS	SPEE	100	ETER (ba)	DRY BULB	BUI		DEPTHS	ORSERY	ATIONS							
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				1			1 120	31.	• 1 1	70	230		_	1-4				Т-					П
	MESSENGE TIME MR 1/10	CAST	CARD	OFFTH W	1 1	100	s %.	\$10	T-AM		MCIFIC VOLT		₹ A D		TIDO	02 mi/1	PO 4-P	TOTAL-		NO3-N	\$104-51	pH	S C C
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	114		085	0000		390	36634		493						340								
	114		085	0009		388	36637		494						341								
			STO	0010		377	3664		497		003002		0030		339								
			510	0020		271	3661		526		002727		0059		314								
			STD	0030		182	3659		550	(002505	כי	0085		293								
	114		085	0031		174	36591		552	,	00015	7.0	0132		291 263								
			5TD 085	0050		053	3662 3661		587 587	(002157	0	0132		263								
	114		510	0075		973	3658		506		001989	2	0183		245								
	114		085	0076		970	3658		606	,	00170	-	0 - 0 -		244								
	114		510	0100		916	3660		622		001845	7	0431		233								
	114		085	0100		916	3659		522	`	0010.				233								
	11-		510	0125		873	3657		531	0	001768	8 8	0477		225								
			5T0	0150		845	3656		637		001717		0320	15	221								
	114		085	0151		844	36556	26	637					15	221								
			STD	0200	1	836	3658	26	641	(001697	77	0406	15	227								
	114		085	T0204	1	835	36583	3 20	641						227								
			510	0250	1	833	3658		642	(001706	5	0491		234								
	114		085	T0253		832	3658		642						235								
			STD	0300		818	3655		643	(001711	l 6	0576		238								
	114	•	085	T0302		817	3654		643						238								
			510	0400		803	3653		645	(001724	+ 3	0748		250								
	114		085 5TD	0498		1717	3638		655 655	,	001659	0.5	0917		239								
			510	0600		514	3599		672		001514		1076		189								
			STO	0700		1298	3565		692		00133		1218		131								
	114		085	0721		250	3558		697						118								
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			510	0900		770	3514		745	(000799	9.2	1427	7 14	968								
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			510	1200) (533	3499		765		000598		1630		922								
			SID	1300		488	3498		770		000556		1687		920								
			STO	1400)443	3497		774	(000514	+1	1741		918								
	114	•	085	T1447		422	3496	2	776					14	917								

Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE					_1	Т							,									
CTET IO.	PIME	LATITUDE	ION	GITUDE È		SDEN	STATION T	IME	TEAR		GINAT(20"5	DEPTH	OEPT		WAVE	WEA	- Ctoud			ODC	
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			OTE	0020		345	3661	250		00293	14.7	006		332								
			TO	0030		274	3662	252		00273		009		317								
	136			0030		274	36618	252		0021.	, , , ,	009.		317								
	136			0049		109	36602	257						277								
			TO	0050		104	3660	257		00230	122	014										
	136			0074		990	36574	260		00230	122	014.		276								
			TD	0075		986	3657							249								
	136	06		0098		908		260		00203	06	0197		248								
	120		TD	0100		904	36562	262						230								
			TO	0125		959	3656	262		00184		0246		230								
	136	08					3655	263		00174	93	0291		221								
	120		10	0148		330	36543	264						216								
	124			0150		329	3654	264		00169	130	0334		216								
	136	0.8		T0197		309	36530	264						218								
			TO	0200		307	3653	264		00166		0416		218								
	124		TO	0250		785	3650	264		00165	23	0501		220								
	136	08		T0250		785	36499	264					15	220								
	136	0.8		0299		776	36486	264						225								
			10	0300		176	3649	264		00165		0583		225								
			TO	0400		756	3638	264		00172	33	0752	15	234								
	136	0.8		0493		66	36274	265						222								
			TΩ	0500		50	3624	266	0	00160	73	0919	15	217								
			TO	0600		22	3583	268		00143	18	1071	15	158								
			TO	0700		92	3550	270		00123	34	1204	15	093								
	136	08		0739		01	35395	271	0				15	C66								
			TO	0800		125	3527	273	1	00093	91	1313	15	011								
			TO	0900	06	84	3509	275	3	00070	45	1395	14	934								
	136	08	5	0982	0 5	29	34980	276	5				14	884								
			TO	1000	05	23	3498	276	5	00057	17	1459		884								
		5	TO	1100	04	94	3498	276	8	00054	67	1515	14	889								
		S	TO	1200	04	69	3497	277		00052		1568		896								
		S	TO	1300	04	46	3497	277	3	00051		1620		903								
		S	TO	1400	04	26	3496	277	5	00049		1671		911								
	136	08	5	11473	04	14	34961	277						918								
		5	TO	1500	04		3496	277		00048	73	1720		921								
		5	TO	1750			3495	277		00048		1841		952								
	136	08	5	1968			34950	277			-			986								

TABLE XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

																MAI										
REFERENCE					_ = M	MED 28A P	21	IGMT	TIME	YEAR	_	DINGIN			DEFTH	DEPT	H Da	WAVE	ZHQF	WEA-	COO			57	ATION	
C117 10.	CODE	ATITUDE		* 1/10	201	0 ³ 1 ⁴	***	DAY		16.04	CRUIS	E	STATIO	ER	BOTTON	S'MPL	4S DIA	HGT P	18 314	C00E	ITFI A	AA T		N	UMBER	
CODE NO.			10		_					1969	A 6	9 01	4		3292	20	21	1 2	2	× 1	8	5			0014	
311484	HU 3	445 1	1 07	435 W	1:	16 44	O 6		164	_		AIR TE		:	NO.	1		- -		'						
						COLO	_	+	SPEE	0 ME		ORY	W	T C001	085.	0.6556	ECIAL VATIONS									
						CODE			7081	100		SULB	#UI	.6	DEPTHS											
								26	50	7 1	56	250	22	2 7	15											
				_			╁-		+		T			ΣΔο	1	UND		. 1 00	4-1	10141-2	NO2-	N NO	02-N	\$104-51		3 0
	MESSENGE I	TZAST	CARO	DEPTH (lm1	1 %		5 %.	\$10	J-AMC	ANO	MALT-S	107	₹ A D DYN. M x 103	. VEI	11120	O3 ml/		41/1	yg = 01/1	45 - al		- 67/1	μg = e1/1	рН	č
	HR 1/10]	NU.	1176	L	_		-		-		+-			X 10			-	+				1				71
									1	0 = 0	1	4510	ا ج	0000	1 1 6	422	I	- 1	- 1		1	1	- 1		,	
	,	,	STD	0000		2768		614		338	00	471(, ,	0000		422										
	164	- (D85	0000		2768		6144 615		338 340	00	4499	i A	0045		5422										
			STD	0010		2763	-			340	00	44).	, ,	00.10		6422										
	164		DBS	001		2763		6149 619		366	0.0	4251	9	0089		5409										
			STO	002		2692 2616		623		393		399		0130		394										
			STD	003		2616		6240		396						392										
	164		085 085	003		2457		6364		452						5361										
	164		STD	005		2449		638		456	0.0	340	7 2	0204		5360										
	164		085	007		2268	3	6657	7 2	530						5323										
	104		STO	007	5	2259	3	666		533	0.0	268	2.8	0280		5321										
	164		DBS	009	9	2079		6676		584				07.1		5278										
	-		STO	010		2074		667		585		219		0341		5277 5250										
			STD	012		1961		663		613	00	194	28	039.		5233										
	164		DBS	014		1887		659		630	00	178	6.1	0439		5233										
			STD	015		1884		660		642		168		052		5223										
			STO	020		1822		1655 16541		642	00	100	. ,			5223										
	164		DBS	T020		1792		651		647	0.0	166	10	0610	0 1	5222										
			STD	T025		1791		16501		647		_			1	5222										
	164		085	029		1762		648		652						5220										
	164		STD	030		1758		3647	2	652		162		069		5219										
			STO	040		1602		613	2	663	0.0	154	63	085		5189										
	164		OBS	049	0	1398		3581		684						5132										
	10.		STD	050	0	1352		3577		690		130		099		5118										
			STD	060		0953		3535		732		0088		118		4894										
			STD	070		0668		3507		754	01	,000	,,	110		4884										
	164		OBS	071		0639		3504 3502		763	0.0	057	99	124		4871										
			STD	080		05 70		3499		768		0052		129		486	l									
			STD	090 T096		0468		3497		7771			-			4856	5									
	164		DBS			0462		3498		2772	0	0049	46	134	9 1	4859	9									
			STD			0446		3497		2774	0	0048	67	139		486										
			STD			0431	-	3497		2775		0047		144		488										
			510			0418	3	3497		2776		0047		149		489										
			510			0406		3496		2777	0	0047	14	154		490										
	164		OBS	14	66	0399		3496		2778				160		491										
			510			0396		3496		2778		0046 0046		158		495										
			STO			037		3496		2780	0	0040	4)	110		498										
	164		DBS	119	75	036	3	3496	2 .	2781																

Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

14 14 15 16 16 17 17 17 17 18 18 18 18	REFERENCE			_																			
			LATITUDE	LONGI	nubi ga			STATION	TIME	YEAR												NODC	
311484 HU		COOF	1/18							1646					OF	0			. L	1	5	TATION	
Note	311494	Jan	346100	07/4	7								-					-	TTPE AM	7	- '	OWER	
	. 311404	11101	242164	1 0 / 44	4 4 C W	1110				1969				2926	19	06	2 Z	X1	8 5			0015	
						- 1			SHIP			_	VIL	200	SPE	CIAL							
									1010	(mba					OBSERV	ATIONS							
Note Note						- 1		0.7	-	-	6 272	1 2	44 7	16									
Note Note		MISSINGS				-		1 10 1	1300	1 10	0 212	L		12				,					
STD 0000 2784 3612 2331 004580 0000 15425		FLME 6			OEFTH (m)	T	T	s °/	5IG	MA-T			OYN. M.			02 @1/1				NO3-N	S1 04-51		3
186		HE 1/10				-							ж 10 ³	VELO	CITY		98 1 41/I	µg - el/l	υg - σ1/l	μg = σt/l	yg - e1/(PH	č
186										1		- 1											1
STO 0010 2782 3611 2331 0045801 0046 15426 1									23	31	004580	0	0000	154	25		1	ı			1	1	11
186		186							23	31				154	25								
STO 0020 2771 3613 2336 0045377 0091 15425		100									004580	1	0046	154	26								
STD 0030 2759 3615 2341 0044934 0137 15425 1562 1578 3615 2341 0044934 0137 15425 15424 1542		196												154	26								
186																							
186		104									004493	4	0137										
186		100										_											
186		186									003886	5	0550										
186		100																					
186		186									002944	4	0306										
186		100									000707	-	0) ==										
STO 0125 1998 3657 2598 0020794 0428 15260 STO 0150 1993 3649 2619 0018845 0478 15234 186 085 0163 1852 36472 2629 15224 STO 0200 1809 3648 2640 0017067 0568 15218 186 085 0218 1783 36482 2647 15213 STD 0250 1723 3635 2651 0016144 0651 15210 186 085 70271 1688 36281 2654 2654 STO 0300 1655 3624 2654 2659 STO 0300 1655 3624 2654 2659 STO 0400 1335 3572 2690 0015543 0730 15186 STO 0400 1335 3572 2690 0012764 0871 15095 STO 0500 1019 3527 2715 0010376 0987 14996 186 085 0519 0965 35212 2720 2707 2708 2708 2708 STO 0400 0555 3502 2765 0005469 1140 14848 186 085 0728 0516 35007 2776 27715 0004861 1192 14838 STO 0900 0459 3500 2775 0004602 1239 14842 STO 1000 0439 3500 2777 0004470 1284 14850 STO 1000 0439 3500 2777 0004470 1284 14850 STO 1000 0466 3498 2777 0004469 149 14862 STO 1300 0406 3498 2777 0004469 149 14862 STO 1300 0406 3498 2777 0004469 149 14862 STO 1500 0388 34974 2779 0004469 1491 14899 186 085 71429 0394 34974 2779 2781 0004652 129 14912 STO 1750 0371 3497 2781 0004525 1521 14947		186									002392	3	03/2										
STO 0150 1893 3049 2619 0018845 0478 15234 1524											002070		04.70										
186																							
186		186									001004	,	0718										
186											001706	7	0540										
STD 0250 1723 3635 2651 0016144 0651 15200 186 085 T0271 1688 36281 2654 2659 186 085 T0323 1619 36194 2664 15178 STD 0400 1335 3572 2690 0012764 0871 15095 STD 0500 1019 3527 2715 0010376 0987 14996 STD 0600 0747 3511 2746 0007353 1076 14979 STD 0700 0555 3502 2755 0005469 1140 14848 186 085 0728 0516 35007 2776 0004602 1239 14842 STD 0800 0490 3501 2771 0004861 1192 14838 STD 0900 0459 3500 2775 0006402 1239 14842 STD 1000 0439 3500 2777 0004470 1284 14850 STD 1000 0469 3498 2777 0004491 1292 14862 STD 1300 0406 3498 2777 0004489 1419 14868 STD 1400 0397 3498 2779 0004469 1464 14899 STD 1750 0371 3497 2781 0004525 1509 14912 STD 1750 0371 3497 2781 0004525 1509 14912 STD 1750 0371 3497 2781 0004525 1521 14947		186									001100	'	0,00										
186											001614	4	0651										
STO 0300 1655 3624 2659 0015543 0730 15186 186		186	OBS	5 T	0271								0-31										
186			5.1	1 Q1	0300			3624			001554	3	0730										
STD		186	085	, T	0323	16	19	36194															
STO 0500 1019 3527 2715 0010376 0987 14996 14979 1			51	D I	0400	13	35	3572	269	90	001276	4	0871										
STO 0600					0500	10	19	3527	27	15	001037	6	0987	149	96								
STD 0700 0555 3502 2765 0005469 1140 14448 14838 186 085 0728 0516 35007 2768 14837 14837 14837 14837 1510 0900 0459 3500 2775 0004602 1239 14842 186 085 70955 0445 3500 2775 0004602 1239 14845 186 085 70955 0445 3500 2777 0004470 1284 14850 14845 1870 187		186			0519	09	65	35212	272	0.5				149	79								
186									274	16	000735	3	1976	149	09								
SID									276	5	000546	9	1140	148	48								
STO 0900 0459 3500 2775 0004602 1239 14842 186 085 70955 0445 35000 2776 14845		186												148	37								
186																							
STD 1000 0439 3500 2777 0004470 1284 14850		10/									000460	2	1239										
510 1100 0427 3499 2777 0004492 1329 14862 510 1200 0416 3498 2777 0004523 1374 14874 510 1300 0406 3498 2779 0004523 1374 14874 510 1400 0397 3498 2779 0004469 1419 14886 510 1400 0397 3498 2779 0004464 14899 186 085 71429 0394 34974 2779 14903 510 1500 0388 3497 2780 0004495 1509 14912 510 1750 0371 3497 2781 0004525 1621 14947		190																					
510 1200 0416 3498 2777 0004523 1374 14674 510 1300 0406 3498 2777 0004489 1419 14886 510 1400 0397 3498 2779 0004489 1419 14889 186 085 71429 0394 34974 2779 510 1500 0388 34974 2779 510 1500 0388 3497 2780 0004495 1509 14912 510 1750 0371 3497 2781 0004525 1621 14947																							
5TD 1300 0406 3498 2779 0004489 1419 14886 5TD 1400 0397 3498 2779 0004464 1464 14899 186 085 71429 0394 34974 2779 14903 5TD 1500 0388 3497 2780 0004495 1509 14912 5TD 1750 0371 3497 2781 0004525 1621 14947																							
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STD 1750 0371 3497 2781 0004525 1621 14947		100									000//01		11.00										
10/																							
		186	085		1928			34962			000452	2	1051										
186 085 1928 0363 34962 2782 14974		-00	003			000	, ,	27702	218	2				149	14								

REFER	ENCE	SHIP				_ E M	ARSDEN	STATION T	IME		ORIGIN	ATOR'S		DEPTH	MAI,		WAVE	WEA	CLOU	ī			7
CODE	IQ.	CODE	LATITU		LONGITUOE	10 Z	DUARE	IGMTI		YEAR		TATION		10	OE?TH OF		RVATIONS	THER	CODE			NODE	
-	NO.	-		1/10	1/10	10	* 1°	MO DAY F	IR_1/10		NO.	*UMBER		HOTTOM	S'MPL'S	Dis	HGT FIE S	CODE	TYPE AM	17		NUMBER	
31:	1484	HU	3505	N	07504 W	111	6 55	06 04	214	1969	A69 01	6		0713	0.7	04	1 2	X 1	8 5			0016	5
							WA	TER V	MIND	BAR	A III TE	MP. °C	J	NO.				'			'		1
							COLOR	TEANS DIR	1951D 04	MET		WET	CODI	OBS. DEPTHS	OBSERVAT	BONS							
							0000	+	\$ ORCE	(mb)		SHIB	+			_							
	r							01	511	16	6 250	227	7	12									
	1	TIME	CAST NO.	CAR		(m)	T °C	5 %.	SIGN	A - T	SMCING YOU		Δρ	sou	INO .		PO ₄ =P	TOTAL-P	ND2-N	NO1-N	SI O4-51		T.
	[HR 1/10		TYP	E		_	' ''	1 202		AHDMALT-11		YN, M X 10 ³	AFFC	CITY	2 ml/l	26 - 01/1	ир - e1/1	VQ - 01/1	µg - 01/1	9g - 61/1		100
																					-	_	+
				51	000 a	0 ′	2475	3597	241	7	003754	9 0	000	15	353		1		l	I	1		- 1
		214	à ·	OBS	000	0	2475	35973	241		003.3.	, ,			353								
				51	D 001	0	2466	3596	241		003739	5 0	037	15									
		214		085	001	0	2466	35964	241	Q				153									
				51		0	2338	3605	246	4	003318	8 0	073	153									
				5 T	0 0031	0	2229	3613	250	1	002966	0 0	104	153									
		214	•	085	003	1	2219	36136	250	15				152	297								
				51		3	2069	3628	255	7	002442	7 0	158	152	263								
		214		OBS			2069	36280	255	7				152	263								
				5 T			1866	3624	260	7	001974	6 0	213	152	211								
		214	•	0B5			1866	36238	260					153	211								
				5 T			1706	3616	264		001662	1 0	259	151	168								
		214	•	085			1706	36161	264					151	168								
				5 T			1430	3582	267	7	001318	2 0	296	150	182								
				5 T			1244	3559	269		001124	8 0	327	150	22								
		214	•	085			1244	35592	269					150	22								
				5 T			1143	3545	270		001055	1 0	381	149	993								
		214		085			1141	35445	270					149									
				5 T			1005	3528	271		000953	4 04	+31	149									
		214	•	085			1005	35277	271					149									
				5 T			0866	3515	273		000832	5 04	+76	149									
		214	•	085			0861	35142	273					149									
				51			0674	3504	275		0006491		50	148									
		21/		ST			3548	3498	276		000541	3 06	10	148									
		214	'	085			0543	34979	276					148									
		21.		ST			0488	3497	276		0004836	0 0	61	148									
		214		OBS	0667		0484	34971	276	9				148	113								

Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6–8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

															T .				
REFERENCE SHIP	LONG	SE BOUTIE	MARSDEN SQUARE	STATIO	ON TIM	YEAR	CRUISE NO.	STATE	DN	DEPTH TD EDTTDM	MAX. DEPTN OF S'MPL'S	0950	WAVE EVATIONS HGE FEET SE	WEA- THER CODE	CLDUD CODES		51	ATION UMBER	
TOOL NO.							1			0163	02	04	1 2	X 1	8 6			0017	
311484 HU 3506	N 075	098W					A69 0	EMP.		1			1 12 1	1 ^+	, 0.0	1	'		
			WAT		WI	SPEED MET	0	_	ET CODE	NO. DBS.	DRSERV								
			CODE	UNE	DIR	FORCE (mb			La	DEPTHS	Dazeno								
					04	512 16	3 250	2	27 7	0.6									7.
MESSENGE CAST TIME OF NO.	CARD TYPE	DEPTH Imi	7 ℃	s	٠/٠٠	SIGMA-T	SPECIFIC VD		₹ △ D D1N. M 1103		DCITT	D2 ml/l	PO4=P 1/2 = 01/1	EGTAL-P va - et/l	NO3-N ug - at/1	NO3-N VB - 01/1	ND - 01/1		ç
N. 010											1						1		-
	5.70	0000	2548	361	3	2406	00385	76	0000	15	372								
227	STO DBS	0000	2548	361		2406				15	372								
226	STO	0010	2547	361		2407	00385	59	0039	15	373								
226	085	0010	2547	361		2407				15	373								
220	510	0020	2501	360		2417	00376	13	0077		364								
	STO	0030	2399	360	1	2443	00352	29	0113		340								
226	OBS	0031	2386	360	007	2446					337								
220	STO	0050	2024	358	34	2536	00264	57	0175		246								
226	OBS	0051	2006	358	336	2540					241								
220	510	0075	1630	359	96	2643	00162	86	0228		138								
226	085	0076	1618	359		2646					135								
	510	0100	1399	35	71	2676	00132	80	0265		067								
226	085	0101	1392	35	701	2676			_		064								
220	STO	0125	1307	356	64	2689	00120		029		039								
	510	0150	1223	35	55	2699	00111	61	0326		014								
226	OBS	0152	1217	35	537	2699					012								
226	085	T0170	1161	35	456	2704				14	995								

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.

	CODE LATTUDE LONGTUDE BO SOUNTE COM TO CODE COD	
	311526 ML 3159 N 07002 W 116 10 09 08 103 1969 A6 1001 5400 15 2 Z X1 8 3	STATION
The color The	WATER WIND BARD. AR TEMP. TO NO. OSECUAL STREET OF STREE	NUMBER
	COOR IN DUR, ONCE (MASS BULE BULE COORPHIS USSERVATIONS)	0001
18 18 19 19 19 19 19 19		
103		
100	MESSENGE CAST CARD OFFIN IN T T S %. SIGMA-T SPECIFIC VOLUME ANGMATI-1187 OF 12 S 12 SIGMA-T SPECIFIC VOLUME ANGMATI-1187 OF 12 S 12 SIGMA-T SPECIFIC VOLUME ANGMATI-1187 OF 12 SIGMA-T SPECIFIC VOLU	IO ₄ =5/ p = et/I pN C
109	N1 1/10	
103 085 015 016 0270 3550 2364 00-0807 004 15-14 00-0807 004 15-14 00-0807 004 15-14 00-0807 004 15-14 00-0807 004 15-14 00-0807 004		
190 050 020	STD 0010 2709 3650 2384 0040807 0041 15414	
101	5TD 0020 2703 3649 2385 0040702 0082 15414	
103		
103	5TD 0050 2325 3661 2510 0028909 0192 15333	
103		
103		
103	103 085 0102 1926 36618 2621 15237	
103	STO 0150 1839 3654 2637 0017171 0395 1 5219	
103		
103	103 085 0204 1800 36559 2648 15217	
103	103 085 T0254 1779 36510 2650 15219	
103		
STO 0000 1630 3622 2663 0014064 116 151533 15153 15153 151533 15153 151533	5TO 0400 1734 3641 2653 0016468 0806 15228	
103	570 0500 1630 3622 2663 0015761 0967 15211	
STD 0800 0786 3532 2724 0010080 1359 15034 14597 1459 14697 14		
STD	103 085 0737 1125 35432 2708 15075	
103	5TD 0900 0794 3518 2744 0008079 1450 14 977	
STD 1200 0554 3504 2766 0005972 1651 14931 14934 1		
STD 1300 0.0		
STO 150 085 1527 0428 35001 2777 0004004 1814 1493	STD 1300 0515 3503 2770 0005618 1709 14932	
Note Color 5TO 1500 0438 3501 2777 0004904 1814 14934		
The column Column	103 085 T1527 0428 35005 2778 14934	
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134	134 085 0000 2677 36378 2385 15404	
STO 0030 2654 3636 2391 0040183 0121 15404 134 085 0049 2642 36359 2395 15404 STD 0050 2611 3637 2405 0038900 0200 15397 134 085 0074 2066 36527 2577 15269 STD 0075 2058 3653 2579 0022459 0277 15269 STD 0100 1892 3651 2621 0018497 0378 15226 STD 0100 1892 3651 2621 0018497 0378 15226 STD 0105 1823 3650 2638 0016988 3073 15210 134 085 0147 1781 36484 2647 0016174 0414 15201 134 085 0196 1749 36458 2653 0015767 0494 15200 134 085 0196 1749 36458 2653 0015767 0494 15200 134 085 0246 1727 36432 2656 15201 134 085 0250 1716 3643 2657 0015436 0572 15201 134 085 0250 1716 3643 2656 001599 0450 15205 STD 0300 1711 36412 2658 001593 0450 15205 STD 0400 1675 3638 2665 0015492 0959 15206 STD 0500 1615 3621 2666 0015492 0959 15206 STD 0700 1242 33548 2685 0012727 1242 15111 134 085 0721 1242 33548 2685 0012727 1242 15111 134 085 0721 1242 33568 2701 STD 0700 0865 3505 2753 0007206 1531 14942 STD 0800 1021 3536 2722 0010409 1358 15048 STD 0800 0805 3519 2740 0008504 1465 14936 STD 1000 0665 3505 2753 0006296 1666 14937 STD 1000 0665 3502 2763 0006296 1666 14937 STD 1500 0435 3499 2776 0005425 1783 14932		
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STD 0050 2611 3637 2405 0038900 0200 15397 15269 15267 1	134 085 0032 2652 36359 2392 15404	
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134	STD 0075 2058 3653 2579 0022459 0277 15267	
STO 0125 1823 3650 2638 0016988 0373 15210	134 085 0098 1898 36510 2620 15227	
STO 0150 1779 3648 2647 0016174 0414 15201 15200 1	STO 0125 1823 3650 2638 0016988 0373 15210	
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STD 0600 1429 3587 2681 0014177 1107 15160	5TD 0300 1711 3641 2659 0015593 0650 15205	
134 085 0721 12\(\frac{1}{2}\)\(\frac{2}{3}\) 35528 2701 \\ \tag{510}\) 0800 1021 3536 2722 0010409 1358 15048 \\ \tag{510}\) 0900 0825 3519 2740 0008504 1452 14989 \\ \tag{510}\) 1000 0665 3505 2753 0007206 1531 14942 \\ \tag{134}\) 085 7106 6657 35044 2753 \\ \tag{510}\) 1100 0615 3503 2758 0006733 1600 14939 \\ \tag{510}\) 1200 0570 3502 2763 0006296 1666 14939 \\ \tag{510}\) 1200 0570 3502 2763 0006296 1666 14937 \\ \tag{510}\) 1300 0525 3501 2768 0005861 1726 14936 \\ \tag{510}\) 1400 0480 3500 2772 0005425 1783 14934 \\ \tag{510}\) 1500 0435 3499 2776 0006499 1835 14932	5TD 0300 1711 3641 2659 0015593 0650 15205 STD 0400 1675 3638 2665 0015312 0805 15210 134 085 T0484 1645 36272 2664 15214	
STO 0800 1021 3536 2722 0010409 1358 15048	5TD 0300 1711 3641 2659 0015593 0650 15205 STD 0400 1675 3638 2665 0015312 0805 15210 134 085 70484 1645 36272 2664 STD 0500 1615 3621 2666 0015492 0959 15206 STD 0600 1429 3587 2681 0014177 1107 15160	
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510 1100 0615 3503 2758 0006733 1600 14939 510 1200 0570 3502 2763 0006296 1666 14937 510 1300 0525 3501 2768 0005861 1726 14936 510 1400 0480 3500 2772 0005425 1783 14934 510 1500 0435 3499 2776 0004999 1835 14932	STD 0300 1711 3641 2659 0015593 0b50 15205 STD 0400 1675 3638 2665 0015312 0805 15210 STD 0500 1675 3621 2666 0015492 0959 15206 STD 0500 1615 3621 2666 0015492 0959 15206 STD 0600 1429 3587 2681 0014177 1107 15160 STD 0700 1242 3568 2698 0012727 1242 15111 STD 085 0721 1242 35528 2701 STD 0800 1021 3536 2722 0010409 1358 15048 STD 0800 1021 3546 2722 0010409 1358 15048 STD 0800 1021 3546 2722 0010409 1358 15048 STD 0800 1021 3546 2722 0010409 1358 15048 STD 0800 1021 3546 2722 0010409 1358 15048 STD 0800 1021 3546 2722 0010409 1358 15048 STD 0800 1021 3546 2722 0010409 1358 15048 STD 0800 1021 3546 2722 0010409 1358 15048 STD 0800 1021 3546 2722 0010409 1358 15048 STD 0800 1021 32144 STD 0800 10214	
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570 1400 0480 3500 2772 0005425 1783 14934 570 1500 0435 3499 2776 0004999 1835 14932	STD 0300	
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134 OBS T1528 0422 34985 2777 14931	STD	

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

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REFERENCE	SNIP	LATITUDE	LONGIT	UDE SOU	MARS	MEN	STATION	TIME	YEAR	-	ORIGIN			DEPTH TO	DEFTI		WAVE SERVATIONS	WEA	CODES			OOC	
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	164			0000		732	3515		50			-			414								
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	10.			0050		508	3640		39	00	3563	8 (209		374								
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	10-			0075		170	3661		54	0.0	2478	7 (284		298								
	164			0091		042	3659		88						266								
				0100	20	004	3659	25	98	00	2070	9 (341	15	257								
				0125	1	918	3659	26	21	00	1864	7 (390	15	238								
	164	4 OB	S	0135	1	891	3658	2 26	27					15	232								
		5	TO	0150	1	863	3657	26	33	00	1753	4 ()436	15	226								
	164	4 OB	S T	0177	1.	826	3655	0 26	41					15	220								
		5	TO	0200	13	815	3655	26	44	0.0	1669	7 (1521		221								
	164	4 08		0215	1	805	3654	0 26	46						220								
				0250		775	3649		49	0.0	1632	9 (604		216								
	164			0252		774	3649		49						216								
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				0400		739	3646		56	00	1622	5 (848		230								
	164			0411		737	3645		56						231								
				0500		728	3644		57		1640		011		243								
				0600		717	3643		59	00	1660	4	176		256								
	164			0636		713	3642		59		. 7.	-	4		261								
				0700		678	3620		50		1764		1347		258								
				0800	1	599	3590		46	0.0	1829	2	1527	15	247								
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	16	4 08	5 T	1406	0	466	3499	4 27	73					14	929								

REFERENCE							40.00		. 1		1	RIGINA	4 TOP'	, - 1		MAX.		WAVE			CLOUG	1			
CTET 10.	SNIF	LATITUDE	LON	GITUDE 50	A UDS		STATE	N TIM		EAR	CRUISE		TATIC	_	OEFTH TO	DEFTH	015	ERVA TIO	45	WEA-	CODES			NOBC TATION	
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	194	,	DBS	0000		87	362		237		004	100	0	0000		405									
	194	,	STO	0010		86	362		237		004	186	2	0042		406									
	194	() B5	0010		86	362		237				_			406									
			STO	0020		81	362		237		004	164	5	00B4	15	407									
			STD	0030		76	362		237	8	004	141	8	0125	15	40B									
	194	(OBS	0031	26	75	362	80	237	8					15	408									
	194	(DBS	0049	24	20	366	40	248	4						356									
			STD	0050		10	366		248		003	107	8	0198		354									
	194	(085	0074		12	366		254				_			309									
			STD	0075		06	366		254		002	546	2	0268		307									
	194	(OBS	009B		183	366		258			2 2 2	_			279									
			STO	0100		79	366		258		002			032A		278									
			5TD	0125		25	366		259		002	111	1	0 2 8 2		267 258									
	194	. (DBS	0145		79	365		260		001	097	7	0433		254									
	194	,	STO OB5	T0196		150	365		263		001	707	′	0-10		230									
	194	,	STD	0200		148	365		263		001	734	7	0527		230									
	194		OBS	T0241		124	365		264		001					230									
	174		STO	0250		319	365		264		001	711	1	0613	15	230									
	194		OBS	0288		798	365	12	264	5					15	230									
			STO	0300	17	796	365	1	264	6	001	6B7	7	069B		231									
			STD	0400	17	772	365	0	265		001	671	8	0866		240									
	194		085	T0474		748	364		265							245									
			STD	0500		742	364		265		001			1033		247									
			STD	0600		704	363		265		001	685	5	1201		251									
	194		OBS	0691		46	362		266							248									
	194		085	T1390	0.4	+92	350	47	277	40					14	938									

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE	т	1			MARSDEN	CTATION .	4 71445		ONG	INATOR	re .		MAX			-	,				
COOR NO.	CODE	LATI	1/10	LONGITUDE S	SQUARE	STATION (GA		YEAR	CRUISE NO.	STATI	ON	DEPTH TO SOTTOM	DEPTN OF S'MPL'S		WAVE ERVATIONS		CODES		51 N	NODE FATION UMBER	
31152	6 ML	331	15N (07204 W	116 3	09 08	222 1 WIND	969	1 10 Y	005	e I	5200		17	6 2	x 2				0005	
					COL	DE TRANS IN	IR. OE FOICE	METE (mbs	R DRY	W E	ET CO0	NO. OBS. DEFTHS	SPEC OSSERVA	TONS							
						1	6 \$19	13	0 259	23		13				,					
	HR 1/	GI CAS	TYPE	DEPTH (m)	7.7	s *4	- 31GM	A-T	SPECIFIC VOL	UME E10 ²	₹ △ D DYN. M x 10 ³	. NETO	OCITY ONL	D ₂ ml/l	PO a=P up = p1/8	ТОТА L—Р ид - в1/1	NO2-N HE - 01/1	NO3-N 98 - 01/8	51 O4-51 48 - 01/1	pН	3 00
		1	511	0000	2692	3654	239	3	003989	9 7	0000	15	409								H
	2.2	2	085 510	0000	2692 2693		3 239 239		003998		0040	15	409								
	2.2	2	085 510	0011	2693 2692	3654		2	003999		0080	15	411								
	2.2	2	ST0		2690 2690	3654	239 9 239		004000		0120	15	414								
	222 085 51 222 085		510 085		2413	3668	249	0	003086	8 8	0191	15	355								
	222 08: 5: 222 08: 5:		ST0 085	0075	2183 2175	3667	255	6	002467	79	0260	153									
	222 08 5 5		510 510		2070 1983		258 260	4	002201		0319	152	276								
	22	2	ST0	0150	1919 1913	3659 3658	262 2 262		001879		0420	152	242								
	22	2	STO	0200	1863 1861	3662 3661	263	7	001738	36	0510	152	235								
	22	2	STO OBS	0250 T0252	1835 1834	3656 3655	264	0	001728	30	0597	152	235								
	22	2	STO OBS		1813	3653 3653	264	3	001711	4	0683	152	236								
	22		STO OBS		1810 1761	3650 36460	264	1	001766	5	0857	152	251								
			STD	0500	1759 1642	3646 3621	265 266	1	001703		1030 1198	152	253								
	22	2	STD		1499 1401	3596 3581	267	3	001532		1356	152	00								
			ST0	0800	1303	3569 3541	269 271	4	001341		1500 1624	151	50								
	22	2	ST0		0893	3519 35123	273	0	000982		1730	150	31								
		-	STO	1100	0791 0725	3511 3509	273	9	000889		1823 1909	150	80								
			STD	1300	064r 0594	3506 3504	275	5	000745	8	1987	149	90								
	22.	2	STO	1500	0528	3502	276					149									
			085	T1599	0463	34997			000608	5 .	2122										
		۷.	085	T1599	0463	34997			000608	5	2122	149									
REFERENCE	SHIP			_ =	MARSDEN	STATION 1	277		ORIGINA			149 DEPTH	MAX. 1		AVE	WEA-	CLOUD		110		
CTRT ID.	CODE	LATITU	DE LC	MOCITUDE 1/10	MARSDEN SOUARE	STATION IGHT	2774	AP C	ORIGINI RUISE SI NO, N	ATOR'S TATION TUMBER		149	160	DBSER	AVE VATIONS GT HER SEA	WEA- THER CODE	CLOUD COOES		NG STA NU	TION MBER	
CTST ID.	CODE		DE LC	DINGITUDE 22	MARSDEN 30UARE 10' 3' 116 32	STATION 1	277	AP C	ORIGINAL SINO. N	ATOR'S TATION UMBER	4	149 DEPTH TO DITIOM S	MAX. DEPTN OF	OBSE*	VATIONS	THER	COOFS		NU	DDC TION MBER	
CTRT ID.	CODE	LATITU	DE LC	MOCITUDE 1/10	MARSDEN SOUARE 10' 3'	STATION IGMTE	277	AP C	ORIGINAL RUISE SI NO. NO. NO. NO. NO. NO. NO. NO. NO. NO.	ATOR'S FATION UMBER	VIS.	DEPTH TO DITIOM S	MAX. DEPTN	OBSE*	VATIONS ST PER SEA	CODE	TIPE AMT		NU	MBER	
Ctet 10. C001 HO. 311526	ML	3336	DE LO	2380 W	MARSDEN SOUABE 10' 1' 116 32 WA COLOB CODE	STATION IGMTI MO DAY IGMTI MO DAY IGMTI O 9 0 9 IER VEANS. DIR.	2774 TIME VE HR.1/10 015 19 WIND SPEED OIL 101CE S.3.5	AP C 69 BARO-METER [mbel] 101	ORIGINA RUISE SI NO. N A6 100 AIR TEN ORY BULB	ATOR'S TATION UMBER 06 TR. *C WET BULB 249	44 VIS. COOR D 1	149 DEPTH TO DITIOM S 938 NO. OBS. OBS. 14	MAX, DEPTN OF SMPL'S	OBSE*	VATIONS GF FER SEA	X 6	5 8		0	MBER	
CT6T 10. C000 HO. 311526	CODE	3336	DE LC	MOCITUDE 1/10	MARSDEN 30UARE 10' 3' 116 32	STATION IGMTS MO DAY S 09 09 1 TER VRANS. DIR.	277	AR C	ORIGINAL RUISE SI NO. NO. NO. NO. NO. NO. NO. NO. NO. NO.	ATOR'S TATION UMBER 06 TR. *C WET BULB 249	VIS.	DEPTH TO DITTOM S	MAX, DEPTN OF SPECIA PRISERVA TO	OBSER OIR HI 17 7	VATIONS GF FER SEA	X 6	5 8		NU	MBER	
CT6T 10. C000 HO. 311526	ML MESSENGE TIME 4	3336	DE LO 1/10 5N OT	DNGITUDE 1100 M 1700 M	MARSDEN SOUARE 107 17 116 32 WA COLOR CODE	STATION TO GONT IN GON	2774 TIME VE. 1710 015 19 WIND SHIP 1010 516 AA- 2388	AP C 69 BARO-METER Imbel 101	ORIGINA RUISE SI NO. A6 100 AIR TEM DRY BULB 269	ATOR'S FATION UMBER 06 FF. *C WET BULB 249	44 VIS. COOR D 1	DEPTH TO DITTOM S 938 NO. OBS. DEFTHS OF SOUN VELOCE 1540	MAX, DEPTN OF SPECIA SPECIA SPECIA SPECIA OC OC OC OC OC OC OC OC OC OC OC OC OC	OBSER OIR HI 17 7	VATIONS GF FER SEA	X 6	5 8		0	006	
CT6T 10. C000 HO. 311526	ML MESSENGE TIME 6 HR 1/10	3336	CAND TYPE STD OBS STO	DNGITUDE . 1/10 D Z Z Z R O W	MARSDEN SOUARE 10° 11° 11° 11° 11° 11° 11° 11° 11° 11°	\$1ATION 1 IGMYN MO DAY N O O O O O O O O O O O O O O O O O O	2771 TIME YE 40,1/10 015 19 WIND SHED 1016(2) 535 51GMA- 2388 2388 2388	AP C 69 BARO-METER [mbel 101	ORIGIN. SIND A 6 100 AIR TEM BULR 269 PECIFIC VOLUMANOMALT—\$18	ATOR'S FATION UMBER 06 FF. TC WET BULB 249	VIS. COOR D	149 DEPTH TO DITTOM S 938 NO. OBS. OBS. EFFHS O 14 SOUN VELOC 154(154(154(MAX. DEPTIN OF OF STMPL'S SPECIA SPECIA DITY O2	OBSER OIR HI 17 7	VATIONS GFTER SEA	X 6	5 8		0	006	7110
CT6T 10. C000 HO. 311526	ML MESSENGE TIME 4	3336	CARD 17/16 STO 085 STO 085 STO 085 STO	0000 0000 0000 0010 0020	MARSOEN SOUARE 10° 13' 116 32 WA COLOR COOR 2684 2684 2687 2667	STATION (IGMT) MO DAY 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2774 10.1/10 015 19 10.1/10 015 19 10.1/10 10.1/10 10.1/10 10.1/10 2388 2388 2388 2388 2388 2388 2388	AB C 69 BAIO-METER Imbel 101	ORIGINA SI NO. S	ATOR'S TATIONOS TATIO	VIS. COOR D 1 1 103 100 100 100 100 100 100 100 100	149 DEPTH TO TO TO TO TO TO TO TO TO TO TO TO TO	MAX, DEPTIN OF OF TWAPL'S	OBSER OIR HI 17 7	VATIONS GFTER SEA	X 6	5 8		0	006	0110
CT6T 10. C000 HO. 311526	ML ML MISSENGE TIME 6 1/10 015 015	3336	CA4D 1776 STO 08S STO 08S STO 08S	0000 0000 0000 0010 0010 0020 0031	MARSON SOUARE 10" 1" 116 32 WA COLOR COOR 2684 2684 2687 2667 2646 2644 2646 2644	STATION 1 (GMT) MO (DAT) MO (D	2774 1015 19 1015 19 1016 535 2388 2388 2388 2388 2388 2388 2388	AB C 69 BAIO-METER Imbel 101	ORGINA ORGINA SUISE ST AR 100 AR 160 ORT BULL B	ATOR'S TATIONOS TATIO	VIS. COOR D 1 1 Σ Δ Ω (VN. M. E 10) 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	149 DEPIN TO DITIOM 5 938 NO. OIS. OIS. OIS. OIS. OIS. OIS. OIS. OI	MAX, DEPTIN OF SPECIA PRISERVATION OF OPEN OPEN OPEN OPEN OPEN OPEN OPEN OPEN	OBSER OIR HI 17 7	VATIONS GFTER SEA	X 6	5 8		0	006	101117
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CTOT 10. COON NO.	ML	3336	DE LC	0000 0000 0010 0020 0030 0048 0050 0072 0075 0096 0100 0125 0139 0150 0125 0137 0255	### ARSDEN TO THE PROPERTY OF	3645 3646 3646 3666 3666 3666 3665 3665	277-6 10.15 19.01-5	AP C 699 C 6	ORIGINA. BUIST ST. A 6 100 AIR TEM DAY BUIST ST. A 6 100 AIR TEM DAY BUIST ST. DOY BUIST ST. A 6 100 AIR TEM DAY BUIST ST. BUIS	ATO8'S HATION'S 4 - ws. coor 1 1 1 1 1 1 1 1 1	149 DEPTH TO THE TO TH	MAK, DEPTH O2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OBSER OIR HI 17 7	VATIONS GFTER SEA	X 6	5 8		0	006	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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CTOT 10. COON NO.	ML	3336	CARE LC	0000 0000 0010 0020 0031 0048 0050 0150 0150 0150 0150 0150 0150 015	### To Page 1	3645 3645 3646 3646 3646 3646 3646 3646	2388 2388 2388 2398 2403 2404 2555 2619 26633 2639 2642 2649	AP C 699 BAND- C 669 BAND- C 6	ORDGINA. BUIST ST. A6 100 AIR TEM CRY BUIST ST. A6 100 AIR TEM CRY BUIST ST. CRY BUIST ST. A6 100 AIR TEM CRY BUIST ST. CRY BUIST	MATOR'S TATION MERCON WET SULE 249 00 00 00 00 00 00 00 00 00		149 DEPTH 100 100 100 1100 1100 1100 1100 1100 1	MAK, DIPHTN 1997-1997-1997-1997-1997-1997-1997-1997	OBSER OIR HI 17 7	VATIONS GFTER SEA	X 6	5 8		0	006	WILLIAM TO THE WATER THE W
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CTOT 10. COON NO.	ML	3336 CAST NO.	CA+ID LC	0000 0000 0010 0010 0010 0010 0010 001	### ARSDEN SOUTARE 10" 11" 116 32" A COLOR COOR	364 5 364 6 364 6 364 6 366 8 366 7 366 8 366 7 366 8 366 7 366 8 366 7 366 8 366 7 366 8 366 7 366 8 366 7 366 8 366 7 366 8 366 7 366 7 366 8 366 7 366 7 366 8 366 7 366 7 366 8 366 7 366 7 366 8 366 7 366 7 366 8 366 7	2388 2388 2388 2388 2388 2388 2388 2388	AP C 699 BA40-MITTER 101 101 101 101 101 101 101 101 101 10	ORDGINA, A6 100 A10 TEM OUT OUT	ATOR'S TATION OF	000 000 000 000 000 000 000 000 000 00	149 149 150 154 154 154 154 154 154 154	MAX, MODEL MAX (1974) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	OBSER OIR HI 17 7	VATIONS GFTER SEA	X 6	5 8		0	006	THE STATE OF THE S
CTOT 10. COON NO.	ML	3336 CAST NO.	CALLO DE LOC 1/1/10 LOC 1/10 000 0000 0010 0020 0031 0048 0050 0125 0137 0255 0300 00589 0600 0700 0784 0800	### ARSDEN TOU ARE 107 11 16 32 1	STATION TOMP	2388 2388 2398 2396 2649 2655 2661 2666 3	AF C 699 AAE C 6	ORIGIN. RUISE 51 NO. NO.	2499 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		149 DEPTH 100 938 938 NO. 01 154(154)	MAX, MODEL 19 10 10 10 10 10 10 10 10 10 10 10 10 10	OBSER OIR HI 17 7	VATIONS GFTER SEA	X 6	5 8		0	006		

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE SHIP CODE STATE OF SHIP CODE	34150	1/10	ONGITUDE BE		STATION TIM	7EAR	ORIGINATO	ION ABER 1	OEPTH MAX. DEPTH OF S'MPL'S	OBSE	WAVE ERVATIONS	WEA-THER COUR	CLOUD CODES	7	ST N	ODC ATION UMBER	
				COLOR	TEANS DIR.	IMEO METO OF IMEO FORCE IMEO	ER DRY Y	VII.	NO. SPEC								
MESSENG SEME MR 1/10	ND.	CARD TYPE	GEPTH 8m1	1 %	\$ 1/4.	SIGMA-T	IMCIPIC VOLUME	≨ ∆ D Dyn. M. x 10 ³	SOUND	02 ml/l	PO ₄ P y8 - 41/1	101AL-P	ND2=N µg - σ1/1	NO ₂ =N u ₂ = et/l	\$1 Og=\$1 ug = 41/1	вΗ	100
18	5	5TD 085	0000	2734 2734	3620 36204	2354 2354	0043623	0000	15415 15415								11
18	5	OB5 STD STD	0009 0010 0020	2728 2727 2715	36205 3621 3621	2356 2356 2360	0043429	0044	15415 15415 15414								
18 18		STD OBS OBS	0030 0037 0045	2703 2694 2556	3622 36226 36398	2365 2368 2425	0042659	0130	15413 15412 15384								
18	5	STD OBS STD	0050 0068 0075	2447 2159 2123	3647 36654 3665	2463 2561 2571	0033367	0206	15360 15294 15286								
18	5	OBS STD STD	0094 0100 0125	2034 2008 1920	36655 3665 3661	2595 2602 2622	0020377	0331	15265 15259 15239								
18		085 5TD 085	0130 0150 T0177	1906 1874 1839	36606 3659 36568	2625 2632 2639	0017657	0425	15236 15230 15224								
18		STD OBS	0200 T0215 0250	1815 1804	3655 36535 3651	2644 2645 2647	0016697	0511	15221 15220 15221								
18		STD OBS STD	0254	1791 1789 1778	30510 3649	2647 2648	0016593	0677	15221 15226								
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18	5	085	T1730	0388	34963	2779			14951								

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REFERENCE SHIP LATIT		GITUDE BO SC	MAGDEN	STATION TIA	TEAR	DRIGINATO		DEPTH	MAX, DEPTH Q	WAVE ESERVATIONS	WEA-	CLOUD		1,5	ATION	
CODE NO. CODE	1/10	GITUDE SC SC	-	MO DAY HE		CRUISE STAT		40.FF0.44	S'MPL'S DOL		CODE	ETFE AM	-		IMBER	
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· ·	510	0000	2725	3621	2357	0043338	0000									
206	OB5	0000	2725	36205	2357			154								
206	085	0007	2722	36193	2357			154								
	5TD	0010	2719	3620	2358	0043267	0043									
	510	0020	2710	3621	2362	0042937	0086	154 154								
206	085	0022	2708	36210	2362 2380	0041224	0128									
201	STD	0030	2667	3627 36327	2401	0041224	0120	153								
206	085 5TD	0035	2319	3661	2512	0028743	0196									
206	085	0052	2290	36630	2522	0020143	0170	153								
206	085	0069	2139	36652	2566			152								
206	STD	0075	2132	3665	2568	0023496	0264									
	5TD	0100	2104	3665	2576	0022844	0322									
206	OBS	0105	2098	36646	2577			152	84							
2.00	STD	0125	1982	3661	2605	0020100	0379	152	256							
206	085	T0143	1908	36592	2623			152	238							
	5TD	0150	1893	3658	2626	0018194	042	3 152	235							
206	OB5	T0176	1849	36564	2636			152								
	510	0200	1831	3655	2640	0017081	051									
206	085	0212	1823	36549	2642			152								
	5TD	0250	1816	3654	2643	0016967	059									
	5TD	0300	1796	3652	2646	0016805	068									
206	085	T0358	1758	36467	2652		00.	152								
	5TD	0400	1669	3641	2669	0014957	084									
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206	085	0562	1206	36075 3590	2714	0011015	109	1 151	114							
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206	085	10790	0980	35229	2716	0010000		150								
206	OB5	T1306	0440	34981	2775			149								
200	510	1400	0429	3498	2776	0004898			913							
	510	1500	0418	3498	2777	0004864		149	925							
	510	1750	0390	3497	2779	0004760		149	955							
206	085	T1820	0382	34967	2780			149	964							
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Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE					MARSOEN	77 4 Tomas - D				,	1								
C187 ID.	SNIP	LATITU	DE	LONGITUDE ES	SQUARE	STATION T	YEAR	CRUISE S	TATION	OEPTH TO:	MAX. DEPTH	OBS	WAVE ERVATIONS	W EA THEB			- 1.	NOOC	
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l _H	TIME &	NO.	TYPE	OEPTH (m)	1 10	s *4.	SIGMA-T	ANOMALT-ET		V. VELI	DEITT	07 m1/1	PO4=P VB = 81/1	10TA L=P	NO2-N PB - 01/1	NO3-N	SI 04-S	рн	Č
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	230		085	0011	2784	36054	2326	0040272	. 0040		426								
			STO		2775	3609	2332	0045805	0092		426 426								
			510		2765	3613	2338	0045263			426								
	230		085	0033	2762	36139	2340		3-30		426								
			510	0050	2383	3663	2495	0030384	0213		347								
	230		085	0050	2383	36631	2495				347								
			510	0075	2212	3670	2550	0025242	0283		309								
	230		085	0077	2201	30709	2553				307								
			STO		209∠	3666	2580	0022466	0343		282								
	230		085	0101	2083	36654	2580			15									
			510		1983	3663	2607	0019981	0396	153	256								
			STO		1902	3660	2626	0018270	0444	15	238								
	230		085	0151	1899	36594	2626				237								
	230		STD		1822	3651	2639	0017183	0532										
	230		085	T0200 T0246	1822	36506	2639			157									
	230		STD		1802	36502	2643			157									
	230		085	0297	1802 1791	3650 36493	2643	0016921	0617										
			510		1791	3649	2645 2645			15									
			STD	0400	1758	3642	2648	0016902											
	230		085	T0493	1651	36240	2660	0010903	0011	152									
			STD		1630	3620	2662	0015905	1036										
			510	0600	1344	3573	2689	0013422											
			STD	0700	1092	3538	2710	0011326	1306										
	230		085	0748	0983	35251	2720			150									
			5TD	0800	0872	3520	2734	0009015	1408										
			STD	0900	0688	3510	2753	0007031	1488										
			5TD	1000	0541	3503	2767	0005586	1551	148	192								
	230		085	1007	0532	35028	2768			146	90								
			STD	1100	0505	3502	2771	0005291	1605	148	194								
			STD	1200	0479	3501	2773	0005127	1657	149	00								
			STD	1300	0455	3501	2776	0004912	1708	149									
			STD	1400	0434	3500	2777	0004805	1756	149									
	230		510	1500	0415	3500	2779	0004647	1804										
	230		085 5TD	T1555	0406	34997	2780			149									
			510	1750 2000	0380	3500 3499	2782	0004436	1917	149									
	230		0B5	T2135	0357		2784	0004402	2028	149									
	230		003	12133	0351	34991	2784			150	07								

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

												_				_										
REFERENCE	SNIP	LATITUDE	1		5.5	MARS	MEO	STAT	ON T	I AA E	TEAR	L	DRIGIP				DEPTH	MAX. DEFTH	0.0	WAVE SERVATIONS	WEA				NODC	
COOK NO.	COOF			NGITUDE	881						IEAE			STATI		١,	TD MOTTOM	OF S'MPL'S			THE	1	1		NOITAT	
-		1/1	_		-	10*	\rightarrow	MD I	\rightarrow			+	_			+	_	2 MYL 3		NGT FIE SI	-	317E B.N	_	-		
31152	6 ML	3440 N	07	1430 W		116			_		1969	7		10		1	200		02	2 5	X1	8 2	1	- 1	0010	
							WAT	-	_ v	VINO	BAI		AR II	_		15.	NO.	SPEC	IAL							
							COLDE	TRANS,	Dir.	31410	100.0		BULB	W	ET CC	100	DEPTHS	DISERVA	ATIONS							
								-	0.3	1010	-		-	-	30 7		15		_							
		, , ,						Ļ	03	505	14	+3	270	1	30 1	\perp	13			Ļ			_	,		-
	MESSENGE TIME		ARD	DEPTH G	_,		70		٠/	810	T- A M	1 5	PECIFIC VOL	BWR	M A	0	sour		O 2 m1/1	PO 4=P	101AL-1	NO2-N	ND3-N	SI Da-Si	pH	3
	HB 1/10	T NO. 1	TPE	"			-	1		1		1	417-1	187) 1 t		VELDO	CITT	0 2	μg + a1/1	#8 = 01/1	νg + q1/1	μg = 01/1	υφ = α1/1	PT	C
										1		1					1				_	1	1			7
	1	1 1	STD	0000)	2	834	359	3	23	0.1	١,	004868	34 1	000	0	154	33		1		1	1	1	1	1.
	014		85	0000			834	359		23							154									
			STO	0010			934	359		23			004866	9	004	9	154									
	014		8.5	0010			834	359	42	23	01						154	35								
			STO	0020			835	359		23		(004866	3	009	7	154									
			STO	0030			835	359	96	23			004865		014	6	154	39								
	014		85	0030			835	359		23							154	39								
	014		85	0045	5	2	666	36	202	23	75						154	0.7								
			STD	0050)	2	591	363	3.1	24	0.7	(003873	3	023	3	153	92								
	014	. 01	8.5	0068	3	2	389	365	96	24	90						153	51								
			STD	0075	5	2	351	366	3	25	04	- (002959	1	031	9	153	43								
	014	. 0	8.5	0090)	2	285	366	92	25	28						153	30								
			STO	0100)	2	269	366	9	25	32	- (002699	7	039	0	153	28								
			STO	0125	5	2	230	366	8	25		- (002606	8	045	6	153									
	014	• 0	BS.	0133	3	2	217	366	086	25	46						153									
			STO	0150)	2	073	366	4		83	(002230	15	051	6	152									
	014	. 0	85	10174			938	366		26							152									
			STD	0200			904	365		26		- (001857	1	061	9	152									
	014		BS	T0213			887	365		26						_	152									
			STD	0250			837	365		26		(001747	3	070	9	152									
	014		BS	0256			829	365		26					. 7.0		152									
			STO	0300			808	364		26			001730		079		152									
			STO	0400			687	36			55		001624	- 0	096	3	152									
	014		BS	10408			673		269		57						152									
			STO	0500			410	356			82		001385	3 44	111	. 4	151									
	014		BS	0594			160	354			04		001167		124		150									
			STO	0600			143	354			06		001152		134											
			STD	0700			881	357		27	35		000875	2 0	1 24	- 2	149									
	014		85	0798			680	350	66		52		000697	7.0	142	- 1	149									
			STD	0800			678 589	350			62		000601		148		148									
			STD	1000			515	350			70		000529		154		148									
			STO	1100			457	350			75		000527		159		148									
	014		85	71188			419	349			77		000400	, ,	,	,	148									
	514		STD	1200			418	349			77		000454	. 3	163	9	148									
			STD	1300			410	349			78		000454		168		148									
			STD	1400			403	349			79		000454		173		149									
			STO	1500			395	349			80		000453		177		149									
	014		85	T1547			391		78		80						149									
	0.1.	-	~~	1 2 2 4 1		-	776	,		- 1							- ' '									

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE	1 7		_																						
CTAY ID.	SHIP	LATITUDE	1 4	ONGITUDE	P SC SC	RSDEN	STATIO	N TIN		YEAR		NGINA			DEPTH	MAI		WAV	E	WEA-	CLOU			NOOC	
CODE NO.	CODE	* 1/1		1/10	E 10°		MO DA			15 0.8	CAUISE NO.		HOITA		TO M	3.0	01	ISERVA'		THER	COOL	5		STATIO	N
311526	ML	3455 N	0	7446 W	11		09 10			040	-	_	_	-		S'ARPL	_	-	(# 31.a	0000	TYPE AA	+		NUMBI	EA
			, -		1 1 4 4	WA			ND I	969	A 6	101			2834		04	11 5	>	X 1	8 2	1		001	1
						COLDA			SPEED	BAR		IF TEM		WIS	NO.	512	CIAL]							'
						CODI	ZMAST	DIR.	PORCE	METI			W ET	CODI	OBS, DEPTHS	O USEN	ZHOITA								
								_	510	14		_	215	7	15										
	MESSENGE				$\overline{}$	Ь.					1		_	_	4			<u> </u>							
	MESSENGR TIME	ND.	ARO YPE	DEPTH 6	n1	ī t	5 %	٠. ا	SIGMA	4-T	SPECIFIC			△ 0 4. M	SOL		02 ml/l	, 10.	4-P 1	TOTAL-P	NO2-N	NO3-	1 5104		S
	HR 1/10			-			-				ANOMA	(1-11)Ur	x	103	AFFC	CITY	0 2 111121	PD -	81/1	μ μ - ατ/ Ι	νg - σl/l	yg - at			н 8
			_					- 1														_	+-		-
			STD	0000		837	3 2 8 8		229		0049	196	00	00	154	33		- 1	- 1	- 1		I	1	- 1	- 1
	026			0000		837	3587		229						154	33									
	026			0009		831	3588		229						154	34									
			TD.	0010		831	3588		229		0048			49	154										
	026			0020		833	3589		229		0049	026	00	98	154										
	020		TD	0027		782	3590 3603		229						154										
	026			0042		595	3639		232		0046	489	01	46	154										
	0.0		TD	0050	_	492	3639		241		0005				153										
	026	08		0065		333	3637		2443		0035	279	02	28	153										
			TO	0075		258	3655	-	2525		0007		- 2		153										
	026	08		0085		191	3666		2553		0027	594	03	06	153										
			TD	0100		133	3664		2561		0023		0.3	7.0	153										
			TO	0125		050	3660		2587		0021		04		152										
	026	08	\$	0126	_		3659		2001		0021	,0,	04	21	152	14									
		S	TO	0150	1	981	3656		2602	,	00205	528	04	80	152	50									
	026	08	S	0166	1	945	3654		2610		0020.	,,,		00	152										
		S	TO	0200	1	890	3652		2623		0018	718	05	78	152										
	026	08	5	T0201	1	888	3652		2623						152										
	026	08	5	0234	1	832	3647	4 ;	2634	,					152										
			TD	0250	1	823	3637		2628		00183	364	06	71	152										
			TO	0300	1	771	3608		2619		00193	392	076	56	152										
	026	08		T0353		578																			
			TD	0400		523	3561		2641		00174	91	095	0	151	54									
	026		TD	0500		198	3528		2683		00135	555	110	15	150	59									
	026	08:		0511		163	3525		2687						150										
			TD	0600		342	3514		2734		00085		121		149										
	026	08:				64	3505		2766		00053	366	128	36	148										
	026	5		0712		37	35042		2769						148										
		51		0900		82	3503 3502		2771		00049		133		148										
		5		1000		159	3501		2773		00047		138		148										
		51		1100			3500		2775		00046		143		148										
	026	089		T1159			34998		2777 27 7 8	(00045	71	147	9	148										
		S1		1200			3500		778	-	00044	0.5	1>2		148										
		51		1300			3499		779		00044		156		148										
		51		1400			3499		780		0044		161		1488										
		51	D	1500			3498		780		00045		165		1491										
	026	085		T1551			34982		780		,00,7		100	7	1492										
															1490										

REFERENCE			_		,						_														
TRY ID.	SHIP	LATITUE	OE	FONGITUDE		ARE	STA	TION IGMT	TIME				ATOR'S		DEPTH		XAN		WAV		WEA	- CLOU			
ODE NO.	1000	•	1/10	1/10	10*	1.	_		HR.1/10	TEAS	CAL		STATION		TO SOTTOA	. []	DF .		SERVAT		THER	C008			STATION
31152	6 ML	3506	N	07502 W	116	1	-			1040	+-	-				3.4	APL'S	DIL	HG7 P	1 51 A	CODE	1771 A	/1		HUMBER
					1220	WA			MIND	1969	-	46 10	-		1035	Щ.		16	3 4		X1	2 3			0012
						COLDA	TRANS	_	SPEED	MARI		AIR TE	_	VIS.	NO. OIS.		SPEC1A	.							
						CODE	(m)	DIA.	FOICI			BULB	BULB	C008	OFFTHS	Des	FRVAT	ONS							
								06	510	14	5	253	202	7	12	+		\dashv							
	MESSENGE		CAR	D	Τ΄		1		1	-				_			7		_						
	HR 1/10	NO.	TYP		1	τ	2	./	SIGN	T-AM		THE VOLU	n D	A D		UND DCIT	. 0:	m1/)	PO ₄	-P 1	OTAL-P	NO2-N	NO3-N	SI O 4 - 5	
					+		+-		-		_		-	x 10 ³	AFL	UCIII			+A -	1719	18 - 41/5	## = #H/I	νg - 01/1	≥g - 61/	
	1	1 1	5.7	0000	20	71	358					_	- 1											-	_
	061		085			71	358		23		00	14437	6 0	000		397			1		,		1	1	1
			ST			69	358		234		0.0					397									
	061		085			66	358		234		00	4449	3 ()	044		398									
			ST	D 0020		50	358		235		0.0	4362				397									
			ST	0 0030		28	359		236			4234		131		396									
	061		085			10	360		238		00	4234	0	- 31	15:										
			51		24	50	362	4	244		00	3510	9 0	209	153										
	061		085			45	363	24	248	3 3					153										
	0/1		ST		21		363		254	-5	00	2565	7 07	85	152										
	061		085		19		362		258						152										
	061		ST 085		18		362		262		00	18574	0.3	40	151	197									
	001		ST		16		361		265						151	150									
			51		16		360		265			14931		82	151	139									
	061		065	0172	14		359		267		00	13674	04	18	151	07									
			51		12		358		268						150										
	061		085		11		356 354		270		00	11064	04	80	150										
			510		10		353		271						149										
	061	(085	10279	09		352		272		000	09712	05	32	149										
			510		09		351		272		000	8871	05	70	149										
	061	(OBS	0331	0.8		351		273		000	,0071	0,5	78	149										
			STE		06		350		274		000	06715	06	54	149										
			STO		054	43	3500		276			5206	07		148										
	061	0	280	T0525	05	15	3499	91	276				0.		148										
			STO		049		3499		276	9 (000	4841	0.7	66	148										
	041		510		04		3498		277			14693	08		148										
	061	C	185	0764	045	57	3498	0.5	277	2				-	148										

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

							_				T MAIL	_		_		1		
REFERENCE SNIP			MARSDEN	STATIO	NIT NO	YEAR	-	IGINATO		OFFTH	DEPTH		WAVE ERVATIONS	WEA-	CLOUG			AUDO
CTET 10. FOOE		NGITUDE BY					CRUISE NO.	STATI		10110M	S'MPL		HGT FIE SE	CODE		-		UMBER
CODE NO.	1/10	1/10		_	AY NR		1		-		13.000	1			1	1		0012
311526 ML 3508	N 07	506 W 1		09 1				1013		0211		09	2 3	X1	8 1	I		0013
			WAT	ER	WI	RAR	0-	TEMP.	VIE	NO. Das.	SPE	CIAL						
			COLOR	TEANS.	01£	SMED MET			ET CODE	OEPTHS	OBSERY	Z MON 5						
			-		06	10 14	0 25	1 2	15 7	08								
		т Т		\vdash	-		1	- -		1			1				1	
MESSENGE CASE TIME OF NO.	CARO	OFFTN (m)	1 10	5	·/	SIGMA-T	SPECIFIC Y		S A D		OCITY	02 mi/i	POamP ug = at/1	101AL-P		NO3-N PB - BI/I		pN
NR 1/10 NO.	TYPE						Anomai		x 10 ³	AFF	OCILI		29 · 4121	## + B171	NO - 0171	PR - 8171	yg - 41/1	
															1			
1 '	5TD	0000	2560	350	1	2319	0046	934	0000		362							
077	085	0000	2560	350	14	2319					362							
	STD	0010	2553	351		2330	0045	954	0046		364							
077	085	0010	2553	351	27	2330					364							
	STD	0020	2541	356		2369	0042		0091		368							
	510	0030	2510	359		2404	0038	924	0131		366							
077	085	0033	2497	360		2414					364							
	STD	0050	2398	362		2458	0033	912	0204		346							
077	085	0053	2368	362		2468					339							
	SID	0075	1984	362		2579	0022	433	0274		244							
077	085	0080	1917	362		2597					227							
	510	0100	1730	361	7	2636	0017	108	0324		175							
077	085	0106	1684	361	39	2644					162							
	SID	0125	1620	360	15	2653	0015		0365		144							
	5TD	0150	1529	359	15	2666	0014	390	0402		119							
077	085	0159	1494	359	10	2670					109							
077	085	0179	1413	358	33	2682				15	086							

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.

CTEV IO.	SHIP	LATITU		ONGITUDE	MARSOE		ION I		YEAR	CRUISE		TION	\neg	DEPTH TO TOTTOM	MAX, OEPTH OF		WAVE ERVATIONS	WEA	CODE	5	s	NODC
311566		3156	N 0	7006 W	116 1			096	1969	NO.	110	MOER	-	303	S'MPL'S		2 3	X1	1779 A.		-	0001
			·		COI	WATER	T.	MIND	BAR	to- A	IR TEMP	°C VET C	VIS.	NO.	SPECIA	AL.					,	
					co	OE 10m1	31	519		_	_	ut a	1	14		_						
	MISTING	CAST NO.	CARU	DEPTH (m	, 1'0	1,	•4.	╁	MA-T	521 C 17 IC		₹ ∆ DYN	0 0	sou		2 ml/l	PO ₄ ~P	101s L=1		NO3-N		pN (
	HR 1/10	1	1176		+	+		+				X	103	VELO	LIIT		eg = 93/3	¥g = 01/I	vg - et/1	pg - et/(pg - 41/1	
	096	5	510 085	0000	227		47 470		14	0028	8340	000	00	153			1	'		1	'	' '
	396		5TD 085		227	2 36	47 472	25	15	0028	8291	00	8 2	153	11							
			5 T D 5 T D	0020	227	36	47	25	15		8279 8272	001		153								
	096		085 085	0040	226	3 6	472 478	25	16	002		-		153	14							
	0,,	,	51D 510	0050	225	36	51	25	24	002	7548	014		153	13							
	096	5	085	0076	219	9 36	597	25	45		0232	02		153	105							
	096	5	085 STD	0102	197	3 36	601	26	07		8823	03		152	49							
	098		5T0 085	0150 0151	188	3 36			29	0017		039		152								
	096		085 5TD	0199	182	5 36	547		41	0016	6050	044	. 7	152								
	096		085	0246	182	36	521	26	45	0016		05:		152	24							
	098	>	085	10293	177	4 36	491	26	50		5479	06		152	23							
	096		510 S1D 085	0400	176	7 36		26	51		5721	07		152	39							
	096	,	510	0500	176	36	47	26	71	0015	5104	09:		152	29							
	096	>	OB5	0600 0673	144	36	139		16													
	0.04		5TD	0700 0800 T0848	122 103 094	1 35	43	27	25	0009		12		150	52							
	096)	085 510 510	0900	086	2 35		27	26 36 53	0000		134		150 150 149	104							
	00		510	1100	059	3 35		27	64	0006		15		149	31							
	096		OB5	T1130	056	35	049	27	66					149	122							
CTET ID.	SHIP	LATITUD		NGITUOE		'	ON TI		TEAR	CAUISE	EIGINATE STA	ION	7	,0	MAX. DEPTN OF	OBSE	VAV: RVATIONS	WEA- THER	CLOUG		57	ODC
	CODE		1/10	1/10 W	116 20	11	GMTI AY H	A1/10	1848 1969	CRUISE NO.	STA NU?	IION ABER	80	10	DEPTN	OBSE	VAV: EVATIONS	THER		1	ST HI	ATION UMSER
C167 ID.	CODE	•	1/10	17/10	116 20 2 SQUARE	MO I	GMTI AY H	30 /ING	1969	CAUISE NO. A 6	STANUA NUA 1102 R TEMP.	TON ABER	5	30 4 NO.	DEPTN	26	EVATIONS	THER	1791 E.W	1	ST HI	ATION UMBER
Cter ID. C000 NO. 311566	AZ	3214	1/10	17/10	116 20 W	MO I	GMTI	A.1/10 .30	1969	A 6	STANUE	E V	5	30 4 NO.	OF S'MPL'S	26	EVATIONS	THER	1791 E.W	1	ST HI	ATION UMBER
C167 ID. C000 NO. 311566	AZ AZ	3214	1/10	17/10	116 20 2 SQUARE	MO I	DIR.	30 /ING setto on Foace 512	1969 METE (mass	A 6	STANUP 110 2 R TEMP. IT V LS B	TO VET COULT	5	30 4	SPECIA DESERVA D	26	EVATIONS	TOTAL-F	8 6	ND3~N	\$1 O ₄ - \$1	ATION UMBER
C167 ID. C000 NO. 311566	AZ	3214	CARD TIPE	1710 P	116 20 W COUL	AND IT	DIR. 31	A1/10 30 VINO SPETO DE FORCE 512	1969 METE (mae 26:	CRUISE NO. A 6 De Da Da Da Da Da Da Da Da Da Da Da Da Da	STANUA 1102 R TEMP. III V	YET COULT CO	5 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	30 4 NO. OBS. CEPTINS C	DEPTN OF STANDING TO STANDING	DBL P	PO4-F	X1	8 6		ST NI	ATION UMBER 0002
C167 ID. C000 NO. 311566	AZ AZ	3214	CARD TIPE	17/10 P	300A1E 10' 1' 116 20 000 000 000 000 000 000 000 000 000	MO II	DIR. 31	1.1/10 30 /ING SHED 504CE 512 SIGA 25 25	1969 - SARC METE IMBE 26:	CRUISE NO. A 6 A 6 DR ABBRET DR BUILD B	\$1 10 2 \$ TEMP. 11 0 2 \$ TEMP. 11 VILLE B	70 VET CCULE CCUL	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	30 4 NO. OBS. CEPTINS COUNTY ELOCO	SPECIA DESIRVA DE CITY 02	DBL P	PO4-F	TOTAL-F	8 6	ND3~N	\$1 O ₄ - \$1	ATION UMBER 0002
C167 ID. C000 NO. 311566	AZ	3214	CARD TIPE STO OBS STO OBS	0000 0010 0010	116 200 W COLC CODE T T TC 2262 2262 2262 2262	364 364 364	DIR. 31	25 25 25 25	1969 METE (max) 26. AA-T	CRUISE NO. A 6 De Att Buil 2 17 IMEGINE ANOMAL 00 27	\$TANUP 1102 8 TEMP. 11 V 16 B 8 1 VOLUME (T-418?	TION A4812 7C	5 5 DM.	30 4 NO. OBS. EPTINS C 13 SOUN VELOCE 153 153 153 153	SPECIA SPECIA SPECIA O7 O7 O7 O7 O9	DBL P	PO4-F	TOTAL-F	8 6	ND3~N	\$1 O ₄ - \$1	ATION UMBER 0002
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Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

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CTET ID.	SNIP	LATITUO	1/10 LO	NGITUOE NGITUOE	MARSOEN SOUARE	STATION TO	YE A	AR C	ORIGINATO	TION	DEPTH ID EDTTDM	DEPTH DF S'MPL	0858	WAVE ERVATIONS HGT FEE SE	WEA- THEN CODE	CLOUD CODES		ST N	ADDC ATION UMBER	
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	160		085	0035	2250	36456	2520				15	310								
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	160		STD 085	0075	2098 2047	3656 36589	2570 2587		0023250	0204		278								
			510	0100	1963	3659	2609		0019712	0258	15	246								
	160		085 510	0110 0125	1920 1893	36583 3657	2620 2626		0018177	0305	15	236								
	160		5T0 085	0150	1855	3656 36547	2635		0017412	0349	15	224								
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	160		085 5TD	T0223 0250	1780 1771	36497 3646	2648 2648		0016473	0517	15	214								
	160		085 51D	0275	1762 1753	36427 3641	2648 2648		0016580	0599		216								
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	160		085 510	0548 0600	1558 1425	36105 3589	2671 2684		0013947	1074		195								
			STD	0700	1191	3554	2704		0012024	1204	15	093								
	160		57D 085	0800 T0804	0986 0978	3527 35262	2721 2721		0010445		15	031								
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CTRY ID.	CODE	٠	1/10	1710	10° 1° 116 21	MD DAY	190 19 WIND SPETO OF FORCE	969 BARD METE (mbs	A6 110 A6 110 AR TEMI	MBER 4 WET CO	512 NO. 083. DEPTN	M S'MP	L'S DIL 06	HGT PEB 5	CODE	TITE AM	7		HUMBER	-
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CODE NO.	MESSENGE TIME HR 1/10 190 190 190	3 2 4 8	CARD TIPE STO 085 STD 085 STD 085 STD 085 STD 085 STD 085	0000 0000 0000 0009 0010 0020 0029 0030 0046 0050 0059	SOUNT 100 101 102 103 10	MO DAY 11 16 158	SIGMA SIGM	969 BARCO METE (mb) 279 99 90 00 00 00 99 88 78 80 00	CRUSS 310. NO. NO. NO. NO. NO. NO. NO. NO. NO. NO	1474 8	10 10 10 10 10 10 10 10	DUNB 530665306653066530655308553115531255317	L'S DIL O 6 PECIAL EVATIONS	PO4=P	THER CODE	8 6	NO ₃ -N	\$104\$	OOO 4	4
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Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENCE SHIP	LATITUDE	LOI	NGITUDE EDO	MARSOEN SOUARE	STATION TIA		TEAR		A TOR'S	7	EPTH TO TTOM	MAI, DEPTH OF	3280	WAVE EVATIONS	WEA- THER SODE	CLOUD		1 3	NOOC TATION UMBER	
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				COOE		FOICE	[mbs	1 0010		DE	_	0031544	A IIONS							
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MESSENGE TIME MR 1/10	NO.	TYPE	OEPTH (m)	7.7	5 %.	SIGM	T-A	ANOMALT-III		NA I	VELO		03 ml/l	PO4=P va = e1/1		NO3-N vg = al/i	NO3-N	N8 - 01/(βН	Č
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220) (510	0030 0032	2277 2276	3636 36358	250 250		0029320	008	8	153									
		STD	0050	2280	3635 36346	250		002956	9 014	7	153									
220		385 5TD	0075	2280 2279	3641	250	8	002917	8 022	1	153	123								
220) (85 STO	0075	2279 2276	36410 3643	250 251		002904	2 029	3	153									
220) (085 5TO	0100 0125	2276 2169	36431 3658	251 255	1	002516	9 036	,	153 153									
		510	0150	2077	3666	258		002225			152									
220)85)85	0150 10198	1944	36661 36617	261	6				152	57								
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311566 A2	333401	V 07	1710	10° 1°	MO OAY HR 11 17 O EB WI TEANS DIR	1/10 0 9 1 IND SMED OB FORCE	BARC METE (mbs	CRUISE S NO. B AG 11 AIR TEA	STATION NUMBER 06 MP TO WET CO	4 9 4 9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	938 NO. OBS. EPTHS	OEPTH OF S'MPL'S	OBSI OIL 34	PO4-P	THEE COOE	6 3	NO3=N	SI O4S	OOO6	8 0
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10, 100	333401	CARD TYPE	DEPTH (m)	116 32 WAT COLON COOL	MO OAY NR 11 17 0 EB WI TEAMS DIR. 34 5 -4.	1/10 09 1 ND SPEED ON FORCE	L969 BARCO METE (mbs	CRUISE NO. P A G 11 D- AIR TE- DRY BULB 2 161 SPICHIC VOLU ANOMALT-E1	STATION NUMBER 0 6 MP, T	4 9 4 9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	938 NO. OBS. EPTHS	OFFTH OF STAPLES	OBSI DIR. 34 CIAL ARONS	PO4-P	THEE COOE	6 3	NO3=N	SI O4S	OOO6	\$000
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Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16-17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

		ONGITUOE 28	MARSDEN	STATION TIA	YEAR	ORIGINAT	TION	DEPTH DEP	TH OBSE	WAVE SVATIONS	WEATHER	CLOUG		5	NOOC	
CODE NO.	1/10	1/10 3	10° 1°	MO DAY HE	1/10	NO. NU	MBER	BOTTOM 5'M		HGT PER SE	COOF	TIFE AM	1	N	UMBER	
311566 AZ	3349 N O	7305 W	116 33		41 1969			5029	36	2 3	X1	8 3	1		0007	
			WAT		SMED MET		VIS.		PECIAL							
			COOE	TEAMS. OIR.	Off (mb)		ULB CODE	DEPTHS DESE	RVATIONS							
				36	514 33	1 156	131 7	14								
MESSENGE TIME OF	CAST CARD					SPECIFIC VOLUME	₹ ∆ 0	SOUND	Т .	PO4-P	TOTAL-P	NO3-N	HO3-N	\$1 O a - \$4		3
TIME 07	HO. TYPE	OEPTH Imi	1.5	s */	SIGMA-T	ANDMALT-1197	X 103	. AFFOCILA	0 2 mL/1	µ0 = 01/1 -	µg - ±1/?	yg - 01/1	μg - α1/1	yg - 01/1	pН	300
THE 1770		†					1	1	1							Ħ
' '	STO	0000	2268	3639	2510	0028755	0000	15308	1	1		1	'	'		
041	OBS	0000	2268	36386	2510			15308								
	510	0010	2267	3639	2510	0028767	0029									
041	085	0010	2267	36386	2510	0020726	0050	15309								
	51D 510	0020	2264 2262	3639 3639	2511 2512	0028725	0058									
041	085	0032	2261	36389	2512	0028878	0000	15311								
041	STD	0050	2263	363B	2511	0028836	0144									
041	085	0050	2263	36383	2511			15314								
	STD	0075	2269	3639	2510	0029042	0216									
041	085	0076	2269	36397	2510			15320								
	STO	0100	2248	3661	2533	0026965	0286									
041	OBS	0100	2248	36613	2533	0001050	0350	15322								
	51D 510	0125 0150	2147 2055	3663 3664	2562 2588	0024252	0350									
041	085	0151	2052	36640	2589	0021040	0400	15279								
041	STD	0200	1901	3660	2626	0018425	0508									
341	085	T0203	1894	36595	2627			15244								
	510	0250	1833	3656	2640	0017232	0598	15234								
041	OBS	0252	1831	36559	2641			15234								
	510	0300	1801	3653	2646	0016852	0683									
041	OBS	0303	1799	36525	2646	0014 034	0851	15233 15244								
	5TD 5TD	0400	1783 1721	3652 3643	2650 2658	0016836	1017									
041	085	0505	1717	36424	2658	0010330	101,	15241								
0.1	STD	0600	1610	3618	2665	0015909	1178									
	STD	0700	1460	3593	2679	0014693	1331									
041	085	T0743	1385	35814	2687			15169								
	STD	0800	1226	3562	2704	0012374	1467									
	510	0900	0980	3534	2727	0010038	1579 1671	15049 14987								
041	51D 085	1000 T1013	0778 0755	3512 35094	2742 2743	0008435	1071	14980								
041	STD	1100	0702	3508	2750	0007708	1752									
	510	1200	0642	3506	2757	0007056	1826									
	STO		0581	3504	2763	0006424	1893	14959								
	5TD		0520	3503	2769	0005794	1954									
	5T0		0459	3501	2775	0005176	2009									
041	085	T1545	0432	35002	2778			14938								

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENCE					MARSDEN	STATION	TIME		ORIGIN	ATORS		DEPTH	MAX		WAVE	WEA-	Crono				
CTRY IO.	COGE	LATITUE	DE I	TONGITHOF	SOUARE	IGM		YEAR	CRUISE	STATION	_	TO	GEPT P	085	ERVA TIONS	INER	COOES	-	51	ATION	
CODE NO.	-		1/10	1/10	10" 1"	MO DAY	HR,1/10		NO.	NUMBE		MOTTOM	S"MPL	"S DIR	HGT FEB SI	COOE	TTPI AM	1	N	UMBER V	
311566	AZ	3408	N C	17335 W	116 43		072	1969	A6 11			4298		06	2 3	X1	8 2			8000	
						ATER	WIND	BARG	0-	MP °C	VIS	NO. OBS.	SPI	ECIAL							
					COOE	R TRANS DE	POSC SAFE	10.00		ROLE	COD	GEPTHS	OBSER	S HOIT AV							
						0:	_	`-		121	7	1,									
		7				10:	1214	33	0 157	_		14									_
	MESSENGE TIME	CAST NO.	CARO	DEPTH Imi	2.1	5 %.	SIG	T-AM	SPECIFIC VOLL	IME C	E A O	. VELO		O2 ml/l	PO 4-F	TOTAL-P	NO2-N	и03-и	\$104-\$1	pH	S C C
	HR 1/10	1	*****							<u> </u>	x 103	VILO	CIII		NS - 41\1	νφ · m1/1	μg − mt/1	yg - 61/1	иў = at/l	,	С
	}	1 1										1									
			STO		2240	3640		18	002792	1 (0000	153	301								
	072		085	0000	2240	36396					_	153									
			STO		2239	3640		19	002790	9 (1028										
	072		085	0013	2239	36402		19				153									
			STO		2236	3640		20	002784		1056										
	070		510		2233	3640	25		002780	5 (084										
	072		085 510	0040	2232	36402 3640			000700		139	153									
	072		085	0061	2234	36397		20	002792	2 (1733	153 153									
	072		STD		2237	3642	25		002794	4 0	209										
	072		085	0092	2237	36443		23	002134	0 0	209	153									
	0.2		510		2237	3648		26	002761	a (279										
	072		085	0124	2236	24.0															
			STO		2234	3656	25	33	002706	3 0	347	153	322								
			5 T O		2174	3662	25		002511		412										
	072		085	0185	2079	36653		83				152									
			STO	0200	2018	3663	25	97	002114	6 (528	152	278								
	072		085	0247	1880	36570		29				152	247								
			STC		1877	3657	26	30	001823		626	152	247								
			STD		1826	3654	26		001738	1 0	715	152									
	072		085	0309	1818	36531						152									
	072		085	T0372	1777	36485						152									
			STD		1777	3647	26		001705		887										
			STD		1737	3638	26		001708		058	152									
	072		510 085	0600 0625	1638	3622 36173	26 26		001626	0 1	225	152									
	012		510		1383	3584	26		001370	7 1	375										
			STO		1127	3547	27		001155		501	150									
			STO		0914	352	27		000991		608	150									
	072		085	T0951	0822	35097						149									
			STD		0763	3508	27		000848	9 1	700	149									
			STD	1100	0655	3506	27	55	000713	0 1	779	149	955								
			STO	1200	0563	3504	27	65	000606	9 1	845	149	935								
	072		085	T1278	0503	35025	27	71				149	23								
			ST0	1300	0499	3502	27	71	000543		902		25								
			STD		0481	3501	27		000536		956										
			STD		0462	3499	27		000536		010	149									
			510		0417	3497	27		000511	B 2	141	149									
	072		085	1916	0386	34968	27	80				149	81								

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16-17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERÈNCE	SHI					± E	MAR		AFZ	TION T	IME			DRIGIN	ROTAL	٠ς	DEFTH	DEPT		WAV	E	WEA				HODE	
CTEY ID.	coc		ATITUDE		NGITUDE	100	500			IGMT		YEAR	CRU		STATE		#DTTON	. DF	0	SERVA		COD	CDDE			RESENUE	
CODE NO.	+-	+	1/10	-	1/10	4-	10"	1.	MO	OAY F	RL1/10		+	U.	NUM	ER		S'MPE	+	+ +	PI SI	-	1171 418	1	-		
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								COLO	TRAN!	DIR	SPEEC	100		DRY	WI	1 COD	DES.	Catte	VA TIONS								
								CDDE	- Carr	-	FORC	E (m)	***	BULE	-	\rightarrow	-	-		-							
										05	514	33	15	155	12	20 7	15										
	MESS	wee c	- T2A	ARD			Ι.		Π.		Ι		SPEC	IFIC VOLU	PMU	₹ △ □	so	UND		PO	9-6	TOTAL-	ND7-N	ND3-N	SI Da-Si		5
	714	. 6	ND. T	YPE	DEPTH	(m)	'	€	1 2	*/	SIG	MA-T		OMALT-B		3 10 ³		DCITY	01 ml/		- 01/1	yg = 01/1	ug - 01/1	yg - m1/1	vg = 91/1	pH	c
	HR	/10			-	_	+		+		+-	-	+		-		-				-						+H
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				510	002			352		34		82		03153		0095		333									
		194		95	003			352		339		82		,,,,,		30/3		333									
		94		B S	004			353		357		83						336									
	,	7.4		STD	005			354		36		82	0.0	3155	3	0158		337									
	(94		9.5	006			356		348		81					15	340									
				510	007			351	36	44	24	90	0.0	3095	9	0436	15	341									
	(94		95	008			341	36	534	25	00					15	342									
	`			STD	010	0	2	321	36	57	25	806	0.0	2929	1	0311	. 15	339									
				STD	012	5	2	283	36	62	25	23	0.0	02797	15	0383	15	335									
	(94	0.6	8.5	013	1	2	274	36	627	25	26					15	333									
				5T0	015	0	2	105	36	62	25	73	0.0	02325	5	0447	15	293									
	(94	01	B 5	T017	5	1	951	36	619	26	14						256									
				STO	020	0	1	901		56		23	0.0	01871	4	0552		245									
	(04	01	85	022	0	1	866		530		29						238									
				5T0	025			823		53		40	0.0	01720	7	0642		231									
	(94		85	026			806		523		44						228									
				5T0	030			806		51		343		01713		0727		234									
				5 T O	040			780		46		546	0 (01717	6	0899		242									
	(94		85	044			755		35		551 551	0.0	01699		1070		242									
				STD	050			722		14		660		01638		1236		223									
				510 85	060 T066			524		985		669	00	01036		1270		202									
	(94								84		681	0.0	01448	. 7	1391		174									
				510 510	070			164		50		706		01203		1523		100									
				5T0	090			948		24		725		01020		1634		036									
		94		85	T092			909		191		727		0.020	, ,			024									
	,	7 3 44		5T0	100			811		15		739	0.0	00874	+ 7	1729		000									
				510	110			701		10		752		00753		1811		974									
				5TD	120			607		06		761		00655		1881	14	953									
				5TD	130			528	35	03	27	169	00	00576	8	1943	1 4	937									
				STO	140		0	464	35	00	27	774	00	00521	1	1998	3 14	927									
	(94		8.5	T143			445	34	995	27	776					14	925									
				STD	150		0	437	34	99	2.	776	0.0	00500)6	2049	9 14	933									
				510	175		0	408	34	98	2.	778	06	00492	24	2173		963									
		94	0	0.5	T195	8	0	383	34	970	27	780					14	987									

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENCE SHIP LATITUDE LONGITUDE EX SQUARE IGMTI TEAR THE TOTAL T	MAE. WAVE WEA CLOUD NOCC
CTET 10. COOE CHILDRE STATION SOTTON	OF OBSERVATIONS THER CODES STATION NUMBER
	06 2 3 X1 6 5 0010
WATER WIND AR TELL TO	
COLOR AND SPEED ASSESSMENT OF ONLY	SPECIAL OBSERVATIONS
CODE on CORE TORCE ON BULB BULB OCETHS	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
06 510 349 158 120 7 15	
MISSENGE CAST CARD DEPTH INT T T 5 1/4. SIGMA-T MICHIE VOLUME \$ 0 0 00 NON M. SOUN	NO 02 mi/L PO4-F TOTAL-F NO2-N NO3-N SIO4-51
TIME OF NO. TYPE DEPTH (m) TE S %. SIGMA-T ANDMALT-BIG? DYN M. VELOC	CITY 02 mt/1 HE - of/1 HE
510 0000 2422 3628 2457 0033788 0000 153	44
120 085 0000 2422 36284 2457 153	44
STO 0010 2420 3629 2458 0033700 0034 153-	
120 OBS 0010 2420 36294 2458 153-	
STD 0020 2417 3629 2459 0033666 0067 153	
5TO 0030 2415 3630 2460 0033625 0101 153- 120 085 0033 2414 36295 2460 153-	
120 085 0033 2414 36295 2460 153 5TO 0050 2417 3629 2459 0033781 0168 153	
120 OBS 0052 2417 36292 2459 153	
5TO 0075 2420 3629 2458 0033973 0253 153	
120 085 0079 2421 36294 2458 153	
5TO 0100 2302 3646 2505 0029550 0333 153	
120 085 0105 2275 36489 2515 153	
STD 0125 2164 3655 2551 0025252 0401 1539 STD 0150 2050 3660 2587 0021999 0460 152	
5TD 0150 2050 3660 2587 0021999 0460 152 120 085 0157 2024 36604 2594 152	
570 0200 1917 3656 2619 0019109 0563 152	
120 085 T0210 1898 36555 2623 152	
STD 0250 1846 3655 2635 0017763 0655 1 52	37
120 085 0254 1841 36525 2635 152	
STO 0300 1797 3648 2643 0017118 0742 152	
120 085 0315 1782 36469 2646 152. 510 0400 1720 3641 2656 0016155 0909 152.	
5TD 0400 1720 3641 2656 0016155 0909 152. 5TD 0500 1623 3634 2674 0014756 1063 152	
120 OBS 0529 36316	10
STO 0600 1499 3606 2681 0014306 1209 151	85
STO 0700 1350 3574 2688 0013745 1349 151-	49
120 OBS 0782 1208 35520 2700 15 1	
510 0800 1157 3548 2706 0012051 1478 150	
5TD 0900 0900 3527 2735 0009164 1584 150	
5TO 1000 0688 3510 2753 0007184 1666 149 120 085 T1073 0563 35007 2763 149	
120 085 71073 0563 35007 2763 149 570 1100 0553 3500 2763 0006096 1732 149	
STO 1200 0517 3499 2767 0005790 1791 149	
510 1300 0484 3498 2770 0005524 1848 149	18
570 1400 0456 3497 2772 0005321 1902 149	
5TD 1500 0431 3496 2774 0005155 1955 149	
120 OB5 T1625 0406 34955 2777 149	
STD 1750 0387 3496 2779 0004822 2079 149 STD 2000 0366 3495 2781 0004747 2199 149	
5TO 2000 0366 3495 2781 0004747 2199 149 120 085 72175 0366 34953 2781 150	
120 003 12117 0300 34733 2181 130	*

REFF	ENCE T	1				1	E MAE	IDEN T	55.4	TION	TIALS	Т	1	OI	UGINA	279.01		QEFIN	MA			VAVE		WEA	1 6	ouo			NOOC
_		CODE	LATITUE	DE	LONGITUDE	1,00	ž sou		310	IGMT)	YE	AR I	CRUISE		TION	!	10	DEP			EVA TIO	NS	THE	C	OOES			STATION
C004	NO.	CODE	•	1/10	* 1/	10	10"	111	MOI	DAT	HR.1/10			NO.		MBER		BOTTON	A S'MP		t H	ଜ୍ୟ ବ୍ୟବ	38 A	C00	TTP	LAN	7		NUMBER
31	1566	AZ	3435	N	07420	w	116	44	11	17	146	19	69	A 6	111	1		3292		0	6 2	2 3		×1	6	6			0011
								WA	TER	T	WIND		BARO	AF	R TEAN	, .C	VIS.	NO.		ECIAL	7								
								COLOR	TRANS	Dift.	FOR	10	METER (mbal	D#		WET BULS	COOL	DEPTHS	CAREC	VATION	i S								
										0.6	51	4	354	17	1	130	7	09											
		MESSENGE TIME HR 1/10	NO.	CAS		H (m)	т	τ	s	٠/	\$1	GMA-	-1	SPECIFIC		, DA	△ D N. M 103		UND	03 w	dZI	PO4-		TOTAL- 09 - 01/1		3-N	NO3-N HB - 01/	51 O4=1	
													\neg			-													
				51	TD 00	00	2	470	36			422		0037	088	00	000		353										
		146	5	OBS	5 00	00	2	470		017		422							353										
				51				468		0.2		423		0037	055	0.0	37		354										
		146	5	085				468		022		423							354										
				51				465	36			424		0036			74		355										
				51				462	36			425		0036	921	0	111		356										
		146	j	OB5				461		025		425		_					356										
				51				416	36			460		0033	632	0.	182		351										
		146	5	085				412		328		463							351										
				51				391	36			473		0032	518	0.2	264		350										
		146	5	085				376		404		479							347										
				5.	TO 01	00	2	226	36	64		541		0026	172	0 :	338		316										
		146	5	083	5 01	04	2	202	36	665	2	550						15	311										
				5	TD 01	25	2	136	36	65	2	567		0023	768	04	00		297										
				5	TD 01	50	2	061	36	62	2	585		0022	138	04	+5€		281										
		146	5	085	5 01	57	2	040	36	616	2	590						15	277										
				51	TO 02	00	1	911	36	58	2	622		0018	816	0	60	15	248										
		146	5	085	5 702	10	1	889	36	569	2	627						15	243										
				5	TD 02	50	1	831	36	52	2	638		0017	473	0.6	551	15	233										
		146	5	085	5 02	63	1	822	36	502	2	638						15	232										

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

											1					1	_								
REFERENCE	SHIP			ONGITUDE S	MARSDE	EN	STATI	IT NO		EAR		DRIGINA			DEPTH	DEPTH		WAVE SERVATION		WEA-	CODES			HOOE	
CTEY 10.	CODE	LATITUD								EAR	CRUISE NO.		TATION		BOTTOM	S'MPL		HGT PER		COCE	TYPE AM		N	UMBER	
CODE NO.	-		/16	1/10	16"	1" A	40 D							$\overline{}$		7		1-1-1				1	-		
311566	AZ	34472	N O.	74345W	116					969					3109	ا	06	2 3	- 1	X 1	8 5	l	- 1	0012	
					<u> </u>	WATE	_	w	SPEED	BARC)+ <u> </u>	AIR TEA		- vik	NO.	SPE	CIAL								
						OLO9 -	I RAHS	DIR.	0.8	METE		UNY BJUI	WET	coo	DEPTHS	OBSER	ZHOITAN								
					F	-	-	2.1	10101	-	-		12	7 7	13	_		1							
								06	512	33	4 1.1	76	12	11	13	<u> </u>		Ц						1	\neg
	MESSENGI		CARD	CEPTH (m)	т 1	-		٠/٠٠	SIGMA	,		C VOLU		E A D		UND	02 mV	100-1		A 1,-P	N03-N	NO1~N	St Oa-St	gN	000
	11ME HR 1/10		TTPE	DEPTH WI		•		•••	310	`-'	AHOA	1E-734	" '	1 10 ³	ARE	OCITY		pq = 01/	1 /4	- 01/1	48 - 20/1	18 = 01/3	ug - 01/1		c
	17.10	+											\neg												П
	1	1 1	510	1 0000	24	97	358	4	240	ດ່	່ດວາ	915	1 '	0000	15	357		'	,					•	
	172	,	085	0000	24		358		240						15	357									
	7 (4	-	STO	0010	24		358		240		003	908	0 1	0039	15	358									
	177	2	085	0011	24		358	43	240	2					15	358									
		_	STD	0020	24	91	358	4	240	3	003	903	6	0078	15	359									
			STO	0030	24	89	358	4	240	3	003	901	7	0117	15	360									
	177	2	085	0033	24	88	358	40	240	3						360									
		_	510	0050	24	95	358	16	240	3	003	3914	9	0195		365									
	172	2	085	0052	24	96	358	71	240							366									
			STO	0075	24	24	361	6	244	8	00	3489	6	0288		356									
	172	2	085	0077	24		362		245							354									
			STD		22		365		253		00	656	9	0365		310									
	17:	2	085	0102	21		365		254							306									
			STO		20		365		258			200		0425		274									
			510		19	31	366		261	8	00	898	7	0477	15	246									
	17.	2	085	0151			366						,			211									
			STO		17		364		264		00	682	6	0566											
	17.		085	10201	17	-	364		264							211									
	17.	S	085	0247	17		364		265 265		00	618		0649		212									
		_	510		17		364		265		00.	1010	0	004		197									
	17	2	085	0292	16 16		362		265		00	577	15	0729		195									
			510		15		357		265			1583		088		149									
		-	510	0400	13		50	1 1	200	a	00	, , , ,	-	000		,,,,,									
	17	2	510		12		35	3 7	268	Я	0.0	1308	9	1031	1.5	064									
			510 5T0		08		35		272			950		1144		961									
	17	2	085	T0637	0.7		350		273		50.					930									
	1.7	2	510			54	350		275		001	0667	15	122		888									
			510		05		350		277			0505		128	. 14	848									
	17	2	085	T0813	05		350		277						14	845									
	1. (-	000	10025																					

											1					. MAI	_			1	T #1000				1
REFERENCE	SHIP	LATITUE		LONGITUDE 50	MAR!	DEN	STAT	ON TI		EAR.		ORIGIN			DEFTH	DEPTH			AVE VATION	WEA	CODES			STATION	
CODE NO.	CODE	LA HIO	1/10	1/10	10*		MOID			100	CRUIS		OITATIO		80110	M S'MPL			GT 988			7		NUMBER	
-	1					1		_							264				1	X1	66			0013	1
31156	6 AZ I	3454	N I	07450 WI I	116	44 WAT			195 1	969		AIR TE		_	256	-	0	익년	- 121	1 / 1	1 010		- 1	0013	1
						COFOS	TRANS		3410	MARC		DRY	WET	VIS	7 OB2"	CALLE	ECIAL								
						CODE	(RE)	CIR	10ECI	(m) s		BULB	3071		DEPTH	2 OBSER	v = 1101	"							
								07	513	331	0	176	12	5 8	14			7							
	MESSENG		·		T-		1				1000	IC VOL		₹ ∆ ¢	1	DUND			PO _d =P	TOTAL-	NO2-N	NO3-N	\$104-	g.	1
	TIME	M NO.	CARI		T	7	5	٠4.	SIGMA	1-1		Z-FJAM	87	DYN. /	VE	LOCITY	03 4	1/1	V2 = 01/1	#8 + at/1	ug - mi/l	vg = st/l	NS - 4		c
	HR 1/10	4			-		-			-			+		+-			-		+					+1
				0 0000	1	459	359	. 1	241	,	00	3754	,	000	, ' , ,	5349	l	- 1		1	1	1	1	1	11
	19	E	5T 085			459	359		241		00	5174	۷	000		5349									
	19	-	085			458		909	241							5350									
	7.7	,	5.1			456	35		241		00	3749	3	003		5350									
			5 T			445	359	91	242		00	3723	2	007	5 19	5349									
	19	5	085			438	359	221	242	4						5348									
			5 T		2	427	359	93	242	8	00	3663	7	011		5346									
	19	5	085	0041	2	374		939	244							5335									
			ST	0 0050	2	985	359	99	247	4	00	3230	0	018	1 1	5316									
	19	5	085			223																			
			ST			229	36	11	250	0	00	2998	6	025	9 1	5307									
	19	5	085			232			25.			25.0				5273									
			ST		2	080	36		254	6	00	2569	2	032	9 1	2213									
	19	5	085		1	001		187	259	4.	00	2119	16	038	7 1	5228									
			5 T			901 746	36		263			1779		043		5188									
	1.0	c	085			713		130	263		00	1111		0.5		5179									
	19		085			550		990	266							5133									
	1 7	2	51			458	35		268		00	1303	7	051		5105									
	19	5	085			296	351	856	270	8					1	5054									
		_	51		1	258	35	7.2	270	5	00	1084	4	057		5044									
			51	0 0300	1	170	35	50	270		00	1092	6	062		5020									
	19	5	089	0320	1	126		425	270							5007									
			51			891	35		272		00	0891	. 5	072		4931									
	19	5	085			864		124	272							4923									
			51			740	35		274		00	0730) 2	080		4889									
	19	5	089			713		073	274		0.0	05.30		087		4882									
			51			594	35		276			0570		087 092		4848									
		-	51			394	35	988	277		00	0417	2	092		4786									
	19	5	085	5 0729	(1344	34	300	210	0						-, 50									

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENCE SNIP COOR NO. 311566 AZ	1/1 3505 N	LONGITUDE 0 1/1 0 7505 V	20 20 10°	55 WAT		YEAR	O- AH TEMP. EB DRY V (a) BULB B	TON NISE	0190	OF OBSE	WAVE EVATIONS NGT PIR SE	WEA-THER CODE	CLOUD CODES	1	ST. NL	OOC LTION IMBER 0014
MESSENGE TIME MS 1/10	e NO.	ARD DEFTN	(m)	7 %	5 *4.	SIGMA-T	SPECUIC VOLUME	₹ △ D Dyn. m. 1 103	SOUNC		PO4=P ug = 01/1	TOTAL P #8 + 41/1	HO2-H ug = et/l	HO3-H #8 - 01/8	SI Oa-Si ug - 01/1	pH C
220	0 0	5TO 000 85 000 5TO 000 85 001 5TO 002	0 2	320 320 321 321 284	3585 35848 3587 35872 3580	2454 2454 2455 2455 2461	0034066 0033960 0033485	0000	1531 1531 1531 1531 1531	4 7 7						
220	0 0	STD 003 BS 003 STD 009 BS 009	0 2	265 263 285 288	3573 35710 3585 35872	2461 2460 2464 2465	0033516	0101	1530 1530 1531 1531	4 4 4 5						
220	0 0	STO 001 BS 001 STO 010 BS 010	9 1 0 1 15 1	002 958 756 715	3637 36400 3621 36168	2582 2596 2632 2639	0022157	0237 0287	1525 1523 1518 1517	9 3						
220		5TO 01; 5TO 01; BS 01;	0		3602 3587 35840											

CTRY ID.	SHIP COOE	3503	1/10	1710 07505 W	M Detail		MO	17	236 :	YEAR 1 96 9	A 6 1	STATI NUM	ON 588	DEFTN TO BOTTOM 0585 NO.	SWIFE	085	WAVE SERVATION IN THE SERVATION IN THE S	SIA	WEA- THER CODE	6 3	-	S1 N	NOOC TATION IUMRES
						CODE	TRANS	U III.	5/110 708CE	METE (mbs	i BULA	1	ET CODE	OBS. DEPTHS	OSSERV	ATIONS							
	MESTENGE TIME HR 1/10	및 NO.	CARC		(pm i	1 %	5	*/.,	SIGA	1-A	SPECIFIC VOL		\$ △ 0 DYN M. 103		UHD DCiTT	02 ml/(PO a		IOTAL-P	NO2-N vq + 01/1	401=H 18 - 81/I	51 O4 = 51 94 = 81/1	рΗ
			51	0 000	0	2332	35	90	249	54	00340	, ,	0000	15	318						1		
	23	6	085	000		2332		900	249		00,,		0000		318								
		•	5 T			2329	35		24		003394	4	0034		319								
	23	6	085	001		2329	35	905	245	56					319								
			5 T	0 002	0	2326	35	90	249	56	003391	l 4	0068		320								
			5 T			2324	35		24		00339	12	0102		321								
	23	6	085	003		2323		900	24						321								
			5 T			2319	35		24		003322	5.5	0169		324								
	23	6	085			2319		003	24						324								
			51			2024	36		25		00232	94	0240		255								
	23	6	085			1990		313	25						247								
			ST			1780	36		26		001729	98	0290		191								
	23	6	085			1756	36	296	26	39				15	185								
			5T ST				35																
	23	6	085					640															

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.

REPERENCE	SHIP	14771104		DIGITUDE S	MAR:	MIDEN	STATIO	N TIM	YEA	,	ORIGIN			OEPTH TO	DEPTH	1.1	WAVE ERVATIONS	WEA-	CLDUD		1	NDDC IATIDH	
COOS NO.	CODE	LATTUDE	/10	DNGITUDE BY	10*		MO TO		1	^	CRUISE S	HOITAT		BOTTOM	OF S'MPL	'S DM	HGT FIL SEA		TYPE AME		N	UMBER	
			-			80				,	A71 03	2		5395		30	5 1	x1	8 6			0038	
318006	EV I	2824	N I O	7012 W	1080	WAT		A IOO		ARD	A 10 T.E.	AP. T	Т	NO.			12 (11 (1 ~ 1	0.0	1	1	0000	
						COLDA	TRANS.		SMED L	4 ET E	DRY DRY	WET	COD	OBS. DEPTHS		ECIAL VATIONS							
						CODE	(m)	$\overline{}$	- CACE	lmbel		BULB		\rightarrow									
							1	30 S	30 1	146	206	194	7	50									
	MESSENGI		CARD	DEPTH (m)	,	₩	5 .	z. 1	SIGMA-	,	SPECIFIC VOLU	ME E	A 0	SOL	IND	O2 ml/l		TOTAL-P	NO ₂ -N	№03-И	SI D 4-51	ρН	3
	FIME HR 1/10	T NO.	1492	0							ANDMALY-EI		103	VELC	CITY		μg = 81/1	уд • a1/1	₩\$ - 01/1	¥2 - 01/1	yg + e!/!		c
																	1	- 1					- []
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Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

BEPEBENCE		L	MARSOEM	STATION TIME		ONGINAT	OR'S	DEPTH	MAX	WAVE	WEA-	CLOUD	т —	1	200
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174	085 510		1765	3633	2651 2657	0016388	0985 1144		31 440						
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Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

BEFERENCE	SNIP	LATITU	DE .	LONGITUDE E	5 MAE	SDEN	STATIO	N TIME	YEA		ORIGINA			OEPTH TO	MAI		WAVE SHOTLAND	WEA-	CLOUG		NOI	oc.	
C187 IQ.	CODE	*	1/10	1/10	10.		MO QA			`	CRUISE ST NO. NI	ATION	- 0	MOTTO	OF S'MPL		NGT FEE SE	6001			STAT	959	
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318006	I E V I	2834	N 1 L	17339 w l	1080	83		WIN	a T	D./	A 10. 25 A4	7 7		NO.			12121	1 ^1	1 0 10	1	1 00	171	
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			STE			251	3661		2532		0026677	0.0	00	153		498							
	085		085	0000		251	3661		2532					153		498							
	085		085	0009		251	3660		2531 2531		0026726	0.0	126	153		504 504							
			\$10 \$10			251 251	366		2531		0026734		153	153		500							
			510			251	366		2532		0026786		80	153		496							
	085		OBS	0049		251	3661		2532		0020100	-	.00	153		492							
	00)		510			253	3661		2531		0026892	01	33	153		492							
			STE			253	3661		2531		0026999		01	153		490							
	085		085	3075	2	253	3661	4	2531					153	319	490							
	085		085	0099		185	3672		2559					153		472							
			STU			181	3672		2560		0024372		65	153		471							
			STO			096	3673		2584		0022139	03	23	152		448							
	085		085	0148		024	3674		2604		0000101		-	152		438							
	0.00		ST0	0150 T0198		017 889	3674		2606		0020184	0.5	76	157		439 452							
	085		510			887	3662		2631		0017959	04	71	152		452							
			510			837	3656		2639		0017299		60	152		454							
	085		085	0296		799	3651		2645		001.277		-	152		454							
			STO			798	3652		2646		0016871	06	45	152		454							
	085		085	T0394	1	747	3644	2	2652					152	231	452							
			510	0400	1	743	3643		2653		0016524	08	12	152	231	451							
			STO			644	3623		2661		0015983	09	75	152		428							
	085		085	0593		504	3600		2675					151		402							
			510			486	3597		2677		0014672		28	151		397							
	085		280	0700 0795		247 042	3560		2698 2716		0012676	1 2	65	151		347 331							
	000		STI			031	3533		2717		0010834	12	82	150		332							
			STO			828	3519		2737		0008808		80	149		359							
	085		085	0996		680	350		2751					149		398							
			510	1000	0	676	3509	,	2751		0007351	15	61	149	947	401							
			510			590	3509		2763		0006253		29	149		470							
			STO			521	3509		2771		0005438	16	88	149		522							
	085		085	11203		519	350		2771		0004000	1.7	14.0		917	523							
			STO			470 436	3503		2775 2778		0004980		88	149		552 574							
	096		085	1424		431	350		2778		0004730	1 1	00	149		579							
	0,0		51(420	3500		2779		0004683	18	35	149		591							
	085		085	T1502		420	3500		2779					149		591							
			510			387	3499		2781		0004555	19	51	149		596							
	096		085	1900	0	370	3498	5	2783					149	972	599							
			ST			360	3498		2783		0004465	20	163	149		601							
	096		085	2380		325	3496		2786					150		606							
			510			315	349		2786		0004328	22	83	150		606							
	096		085	2864		285	3494		2788		000/351	24		151		608							
	096		5T0	3000 T3324		273 250	349		2787 2789		0004251	24	98	151		610							
	096		085	T 38 48		231	3500		2797					152		610							
	0 7 0		510			228	3500		2797		0003528	28	87	157		605							
	096		085	T4106		226	3500		2797				- '	152		601							

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CIET ID.	SHIP	LATTU	OE LO	MOCH SOUTION	MARSOEN SQUARE	STATION T			TOR'S ATION I AMBER	DEPTH TO EOTTOM] . OF	WAVE SERVATIONS		CLOUD COOKS		5	NODC TATION TUMBIS	
318006	Ev	2833		1210	080 84		163 196	7 A71 042		4938	S'MPL'S DIL	3 2	x1	8 6		\top	0042	
					COLO	TRANS DIE	SPEED ME	RO- AIR TEM	WET CODE	NO. OBS. DEFTHS	SPECIAL OBSERVATIONS							
					CODE	30	10464	\rightarrow	189 7	14								
	MESSENG FLMB	CAST	CARO	OEPTH (m)	1 2	5 -4.	SIGMA-T	SPECIFIC VOLUM	E A D	sou		PO g-P		NO3-N		51 Oa - 51	ρН	3
	HR 1/1) NO.	Type			-	-	ANDWALT-BIE	Z 10 ³	VELC	ocut 03 mp	yg - el/l	ug + q1/1	µg - 01/1	μ <u>μ - α1/1</u> .	μg - e1/l	<u> </u>	c
	1	1	510	0000	2248	3662	2533	0026550	0000	153		1	I				'	11
	16	6	0 BS STO	0000 0010	2248 2243	36617 3661	2533 2534	0026498	0026	153								
	16	6	085 510	0010 0020	2243	36611 3661	2534 2534	0026474	0053	153 153								
			STD STD	0030 0050	2240	3661 3661	2535 2535	0026477	0079	153	308 487							
	16	6	085	0050	2240	36615	2535 2534	0026745	0199	153	311 483							
	16	6	5TD 0B5	00 75	2244	3661 36615	2534			153	316 488							
	16	6	STD 085	0100 0101	2241 2240	3661 36614	2535 2535	0026779	0266	153								
			5T0 5TD	0125 0150	2145 2060	3670 3674	2568 2594	0023685	0329	153								
	16	6	085 510	0150	2060 1929	36737 3665	2594 2622	0016757	0485	152	82 445							
	160	5	085	T0201	1927	36649	2623			152	54 432							
			STD STD	0250	1864 1811	3659 3653	2635 2644	0017769 0017065	0576 0663	152	36 454							
	16	6	085 5T0	0302	1809 1736	36531 3642	2644 2653	0016448	0831	152 152								
	16	6	085 5TD	T0402 0500	1734 1607	36417 3617	2654 2665	0015613	0991	152	229 449							
	1.4		STO	3600	1442	3590 35896	2681 2681	0014243	1140		165 374							
	16	5	085 ST0	0601 0700	1440	3557	2702	0012258	1273	151	01 357							
	16	6	5TD 085	0800 T0802	1004	3531 35309	2721 2721	0010445	1386	150								
			STD STD	090 0 1000	0801 0650	3515 3505	2741 2755	0008393	1481 1557	149								
	16	6	085	1000	0650	35053 3504	2755 2765	0005990	1622		936 418							
	16	6	510 085	11199	0569	35035	2772			149	911 529							
			5TD 5TO	1200 1300	0505 0459	3503 3502	2772 2776	0005298 0004868	1679 1729		909 563							
	16	6	STD OBS	1400 T1498	0431 0420	3501 34997	2778 2778	0004685	1777		914 582 925 586							
REFERENCE																		
					MARSDEN	STATION T	IME	ORIGINA	Oa'S	DERTH	MAT	WAVE	W.F.A.	CLOUD				
CODE NO.	CODE	LATITU	DE 101	NGITUDE BOOM	MARSDEN SOUARE	STATION TO	TEAR		TION	DEPTH TO EOTTOM	MAR DEPTH OR OF S'MPL'S DIR.	WAVE SERVATIONS HGT PH S	WEA- THER CODE	CLOUD COOIS		S	ODC NOITAT	
CDOE NO.	CODE	2833	1/10		10° 1° 080 85	MO DAY H	15AR 8 1/10 20 7 196	CRUISE STAND. NU	TION	#0110M 4938	DEPTH OR	HGT PRE SI	THER	COOIS		N	TATION IUMBIR	
CDDE NO.	CODE	•	1/10	1/10 0 3	10" 1" 0 80 85 WA	MO DAY H	207 196	CRUISE STAND. NU. 7 A 7 1 0 4 3 PO- AIR TEMP	TION MREE	4938 NO.	OFFTH OR	HG1 988 5	CODE	110 AM		N	MISMU	
CDDE NO.	EV	2833	1/10	1/10 0 3	10" 1" 080 85	MO DAY H	E 1/10 207 196 VIND BAI SPEID OR IMP	CRUISE STAND. NU 7 A 7 1 O 4 3 PO- AIR TEMP 1EP DRY 1EP BULB	TION MREE	4938 NO.	OEPTH OR STAPL'S DR. 29	HG1 988 5	CODE	110 AM		N	MISMU	
CDDE NO.	EV MESSENG	2833	1/10	1/10 0 3	10" 1" 0 80 85 WA	MO DAY H	E 1/10 207 196 VIND BAI SPEID OR FORCE IM	CRUISE STAND. NU 7 A 7 1 O 4 3 PO- AIR TEMP 1EP DRY 1EP BULB	TON MREI	4938 NO. 085. DEPTHS	DEPTH OR OF OF OR OF STARPL'S OR 29 SPECIAL DESERVATIONS	2 2	THEP CODE	8 6	NO3-N	\$10 ₄ =5+	MISMU	000
CDDE NO.	CODE	2833	N 07	529 W	10° 1° 0 80 R5 WA	MO DAY H	207 196 WIND BA ME 101C; Im	CRUISE STA	WET COOK	10 80170M 4938 NO. 085. DEPTHS	DEPTH OR OF OF OR OF STARPL'S OR 29 SPECIAL DESERVATIONS	PO4-P	THER CODE	8 6	NO3-N yg - or/l	N	0043	O O O
CODE NO.	EV MESSENG TIME HR 1/10	2833	N 07	529 W	10° 1° 080 85 WA COLOR CORE	15 °%,	TEAR 207 1967 VIND BA ME 101 IM ME 1	CRUISE STA	TON MREI	152	OETH OE OE OE OE OE OE OE OE OE OE OE OE OE	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	000
CDDE NO.	EV MESSENG FIRMI HR 1/10	2833	CARD TYPE STD O85 STD	0000 0000 0010	10° 1° 080 85 WA COLOR COOE 2160 2160 2146	15 %. MO DAY H 01 30 4 15 PART DIR. 15 PART DIR. 3654 36545 3654	TEAR 27/10 20.7 196 - 19	PO- AIR TEMT TER DRY BULB 13 222 IPICIFIC VOLUMANOMALT-EIS?	TION MRES WET COOK SULB 167 7 \$ \$ \$ 0 0 OYN, M S 103	152 152 152	DEPTH OB DEPTH OB STAPL'S OBSERVATIONS PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	000	
CDDE NO.	EV MESSENG TIME HR 1/10	2833	CARD 179FE STD 085 STD 085 STD	0000 0000 0010 0010 0020	10° 1° 080 85 WA COLOR CODE 2160 2166 2146 2146 2143	(GM1) MO DAY H TER V 1EAN DIR. 28 5 %. 3654 3654 3654 3653 3653	TEAR TEAR TO T	CEUSE 577 NO. 100 7 A 7 1 043 PO. AIB TEMP 18 1 13 222 IMCIPIC VOLUM ANOMALY-119 0024709 0024405	TION WET COOR STATE	152 152 152 152	DEPTH OB OB OB	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	200
CDDE NO.	EV MESSENGE TIME HR 1/100	2833	CARD 177E STD 085 STD 085 STD 085 STD 5TO 5TO 5TO 5TO 5TO 5TO 5TO 5TO 5TO 5TO	0000 0000 0010 0010 0020 0030 0050	300 AR 10° 10° 10° 10° 10° 10° 10° 10° 10° 10°	16 M1 MO DAT N O 1 15 M	174 TEAR TO TE	CRUSE 574 NO. NU 7 A71 Q43 PO. A81 TEMP 169 DET BULB 13 222 INCIDC VOLUMANOMALT-1187 0024709 0024439	TON MREE T WET COOK 100 M M M M M M M M M M M M M M M M M M	152 152 152 152 152 152 152 152	OFF OR OR OFF	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	# C C C
CDDE NO.	EV MESSENG FIRMI HR 1/10	2833	CARD 177E STD 085 STD 085 STD 510	0000 0000 0010 0010 0020 0030	300 AR 10° 1° 10° 1° 1° 0 80 8 5	16 M1 MO DAY H 17 MO DAY H 18 M1 DIR. 28 S *4. 3654 3654 3653 3653	174 TEAL OF TE	CRUISE 574 NO. 1043 PO. AU TEM 181 DUTS 13 222 SHCIPIC VOLUM-ANOMALT-1197 0024439 00244389	TION MREE T VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	152 152 152 152 152 152 152 152 152 152	OPT OR OR OR OR OR OR OR O	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	- UU
CDDE NO.	EV MESSENGE TIME HR 1/100	2833	CARD 177E STD 085 STD	0000 0000 0010 0010 0020 0030 0050 0050 0075	10	3654 3654 3654 3653 3653 3653 3653 3653	174 TEAL STORM AT TEAL STORM A	CRUISE 577 NO. 1043 PO. AUSTEM 17 A 71 043 PO. AUSTEM 18 DUS 13 222 INCIPC VOLUMA ANOMALT-1197 0024709 0024439 0024438	TION MREE VIL VI	152 152 152 152 152 152 152 152	Open	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	of CC
CDDE NO.	EV MESSENG 1941 1/10 204 204 204 204	2833	CARD 179E STD 085 STD	0000 0000 0010 0010 0020 0050 0050 0075 0075 0100	300 AR 10° 11° 10° 10° 10° 10° 10° 10° 10° 10°	3654 3654 3654 3653 3653 3653 3653 3653	TEAL 10 1 196 10 7 196 10 7 196 10 8 10 10 10 10 10 10 10 10 10 10 10 10 10	CRUST 511- NO. NO. NO. NO. NO. NO. NO. NO. NO. NO.	VI VI VI VI VI VI VI VI	152 152 152 152 152 152 152 152 152 152	OFFIT OR OFFIT	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	w U U
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CDDE NO.	MATSSEMGE THAT I THE TOTAL THE TOTAL THAT I THE TOTAL THE TOTAL THAT I THE TOTAL THAT I THE TOTAL THAT I THE TOTAL THAT I THE TOTAL THAT I THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE TOTAL THE	2833	N 07 N 07 N 07 N 07 N 07 N 07 N 085 STD 085	0000 0000 0010 0010 0010 0010 0010 0050 0050 0075 0101 0125 0150	10° 10°	(GM1) (G	TEAL TEAL TEAL TEAL TEAL TEAL TEAL TEAL	CRUST 517. ROS 100. ROS	TO MRES WET COOL 167 7 S △ O O O O O O O O O O O O O O O O O O	152 152 152 152 152 152 152 152 152 152	OFFIT OFFI	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	
CDDE NO.	EV	2833	CARD 1771 STD 085 STD 085 STD 085 STD 085 STD 085 STD 085 STD 085 STD 085 STD 085 STD 085 STD 085 STD 085 STD 085 STD 085 STD 085 STD 085 STD 085 STD	0000 0000 0010 0010 0010 0010 0010 0050 0050 0050 0075 0101 0125 0151 0200 0300 0300 0300	300 AR 10° 11° 10° 10° 10° 10° 10° 10° 10° 10°	MO DAT 150 10 150	18410 1962 19	Russis S1/Mo.	TO MREE TO WE THILE COOK THILE	152 152 152 152 152 152 152 152 152 152	Open	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	- C C -
CDDE NO.	EV	2833	CA10 N 07	0000 0000 0010 0010 0010 0010 0050 0050	300 AR 10° 11° 10° 10° 10° 10° 10° 10° 10° 10°	(GM1) MO DAT O1 30 118	TEAL TEAL TEAL TEAL TEAL TEAL TEAL TEAL	RUSH STATE	100 100	152 152 152 152 152 152 152 152 152 152	Ozerly Ozerly Ozerly	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	mar U U U
CDDE NO.	EV	2833	CAND 11771 STD 085 STD	0000 0000 0010 0010 0010 0010 0010 0050 0	10° 10°	MO DAT (CM1) MO	1841 196 196 196 196 196 196 196 196 196 19	Causa Caus	TON MINE TO THE PROPERTY OF TH	152 152 152 152 152 152 152 152 152 152	Octation Octation	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	WUU.
CDDE NO.	EV	2833	CAND 1977 STD 085 ST	0000 0000 0000 0010 0010 0010 0010 0050 0050 0075 0075	10° 10°	MO CAT MO	1841 196 196 196 196 196 196 196 196 196 19	RUSH STAND	1100 Market Witt Conference of the conference o	To To To To To To To To To To To To To T	OFFICAL OFFI	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	W U U
CDDE NO.	20° 20° 20° 20° 20° 20° 20° 20°	2833	CAND N 07	0000 0000 0000 0010 0010 0010 0010 001	10	Continue Continue	174 196 197 196 197 197 197 197 197 197 197 197 197 197	Causa Caus	TON MINE TO THE TON TH	To provide the control of the contro	OFFICAL ORDER OFFICAL ORDER	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	-UU
CDDE NO.	20° 20° 20° 20° 20° 20° 20° 20°	28333 CASS NO. 79	N 07 07 08 08 08 08 08 08	0000 0000 0010 0010 0010 0010 0010 0050 0050 0050 0050 0075 0101 0125 0151 0200 10201 0200 0300 0300 0300 0300 03	300 AR 10° 11° 10° 10° 10° 10° 10° 10° 10° 10°	MO DAT 158 V	1841 196 196 196 196 196 196 196 196 196 19	Causa St. St	To make the content of the content o	TO TO TO TO TO TO TO TO TO TO TO TO TO T	Old Old	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	
CDDE NO.	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°	2833	CAND 1977 CAND 1	0000 0000 0010 0010 0010 0010 0010 001	10° 10°	3654 3654 36545 3654 36545 3654 3653 3653	1841 196 196 196 196 196 196 196 196 196 19	College Coll	1100 Market To the first section of the first sect	TO TO TO TO TO TO TO TO TO TO TO TO TO T	NO	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	
CDDE NO.	EV	2833	CAND 1977 N 07	0000 0000 0010 0010 0010 0010 0010 001	10° 10°	3654 3654 3654 3654 3653 3653 3653 3653	184 195 196 196 196 196 196 196 196 196 196 196	RUSH STAND	00000 0000 0000 0000 0000 0000 0000 0000	TO TO TO TO TO TO TO TO TO TO TO TO TO T	OFFICIAL OFFICIAL	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	WU U
CDDE NO.	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°	28333	N 07 07 085 085 510 085 08	0000 0000 0000 0010 0010 0010 0010 0050 0	10	3654 3654 3654 3654 3653 3653 3653 3653	184 196 196 196 196 196 196 196 196 196 196	RUBLE STAND STAN	0000 0024 0049 0073 0122 0183 0255 0450 0538 0023 1106 1247 1556 1627 1687	10 10 10 10 10 10 10 10	Oz	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	NO NO
CDDE NO.	## 1/10 20 20 20 20 20 20 20	28333	CAND N 07	0000 0000 0010 0010 0010 0010 0050 0050	10° 10°	3654 3654 36545 36545 36545 36546 36563 3653 365	100 196 2: 100 196 2: 100 2 2552 2552 2555 2556 2557 2557 2557 2557	Repair Street Part To white the content of the content	TO TO TO TO TO TO TO TO TO TO TO TO TO T	OFFIT OFFI	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	PUV V	
CDDE NO.	## 1/10 20 20 20 20 20 20 20	28333 CASI (AND.)	CAND N 07	0000 0000 0000 0010 0010 0010 0010 001	10	3654 3654 3654 3654 3653 3653 3653 36553 36553 36553 36554 36568 36568 3657 36568 3661 3668 3667 3661 3668 3667 3653 36553 3654 36553 3654 36553 36554 36553 36554 36553 36554 36553 36554 36553 36554 36553 36568 3657 36553 36568 3657 36553 3657 36553 3657 36553 3657 36553 3657 36553 3657 36553 3657 3657	100 1 196 2	RUBLE STAND STAN	0000 0024 0049 0073 0122 0183 0255 0450 0538 0023 1106 1247 1556 1627 1687	TO TO TO TO TO TO TO TO TO TO TO TO TO T	NO	PO4-P	THEP CODE	8 6		\$10 ₄ =5+	0043	

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CTRY ID.	SHIP	LATITUOE	ro	NGITUDE 6	MAE	SDEN	STATION	TIME	YEAR	CRUI	DRIGIS	TATO	_	OEPTH TD	DEPTH		WAVE ERVATIONS	WEA-	CLOUD		51	NDDC ATION
C008 ND.	CODS	1/	10	1 1/10 4	10"	112	MO DA	[HIL1/1	0	NC		NUM		#OT?DA	S'MPL'	S DIL	HGT FLA SI	CODE	TIPE AM	F	N	UMBER
318006	EV	2832 N	0.7	600 W	080	86 (01 31	005	1967	7 A 7	1 04	4		4846		3.0	2 2	×1	8 5			0044
1 318006	IEVI	2032 N	107	000 W 1	1000	WAT		WIND	11 7 G		AIR TE			NO.		,	- 1- 1	1 7 1	, 0.5	r		00.11
						COLDR	TRANS P	M. 546	ID ME		DAY	w		085.	DALCAL.	CIAL ATIDNS						
						CODE	Lett)	P 01		he3	BULF	80	LB	DEPTHS								
							3	0 50	6 22	20	206	15	0 7	14								
	METSENGE	CAST	CARD		T					THIC	FIC VOL	1416	₹ A D	1 50	סאט		PO _A -P	TOTAL-P	NO2-N	ND3-N	SI O4-5:	3
	TIME (ND.	TYPE	DEPTH (m)	1	℃	5 ./	• SI	GMA-T		MALT-E		N 103	1. VEL	DCITY	O2 ml/l	28 - 01/5	pp = 01/1	μg = αl/1	1/10 - gu	20 - at/3	pN C
	NR 3/10			-	+		-			+		-		+	-		+	_			-	H
	l				1		3440	١,		1	2430	, 1	0000		283	495	1		l			1.1
		_	5T0	0000		160 160	3660 3660		556 556	00	2430	1	0000		283	495						
	800		185	0000		160	3658		555						284	504						
	000		510	0010		160	3658		555	0.0	2444		0024		284	503						
			510	0020		156	3658		556		2440		0048		284	498						
			STD	0030		153	3658		557		2438		0073		285	494						
	008	0	85	0048		149	3657		557						287	490						
	000	Ĭ	STD	0050		149	3657	2	557	0.0	2441	1	0122	15	288	490						
	006	0	85	0072	2	148	3656	3 2	557					15	291	490						
			510	0075	2	146	3656	2	557	00	2453	4	0183	15	291	490						
	008	D	85	0097	2	132	3653	4 2	559					15	290	490						
			STO	0100	2	130	3653	2	560	0.0	2438	3	0244	15	290	490						
			STO	0125	2	112	3654	2	565	00	2398	7	0304	15	290	488						
	008	C	85	0145			3653	7								486						
			SID	0150	2	086	3656	2	573	0.0	2328	1	0363	15	288	481						
	800	C	185	T0193		033	3668		598						282	454						
			SID	0200		015	3668		602		2074		0473		278	457						
			STD	0250		908	3660		624	0.0	1875	8	0572		256	474						
	008		185	0288		850	3655		635						245	479						
		_	5T0	0300		844	3655		636	0.0	1777	4	0664		245	477						
	008	C	85	T0364		796 792	3647		643 644	-00	1739	0	0839		244	465						
			STD	0400			3638		652		1689		1011		243	453						
	000	_	STD	0500		729	3623		663	00	1009	1	1011		226	435						
	008		510	0575 0600		637 584	3614		668	00	1562	6	1173		213	417						
			5T0	0700		371	3578		687		1389		1321		157	365						
	008	_	185	10772		216	3555		701	00	1009	-	1 - 2 1		114	347						
	000		STD	0800		144	3547		708	0.0	1188	a	1450		093	351						
			510	0900	_	917	3522		728		0983		1559		024	365						
	008)B5	0959		805	3511		738	00	0.00				990	374						
	008		STD	1000		739	3509		746	0.0	0802	9	1648		972	404						
			5T0	1100		606	3504		760		0652		1721		935	466						
	008		85	T1148		555	3502		765						923	492						
	000		STD	1200		533	3501		766	0.0	0589	7	1783		922	516						
			5 T D	1300		492	3498		769		0561		1840	14	922	553						
			STD	1400	0	451	3497	2	773	0.0	0525	1	1895	14	921	577						
	008) B.S	1438	0	435	3496	8 2	774					14	921	583						

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	_																						
CTAY ID.	SHIP	LATITU	DE	LONGITUDE		LARE	STAT	OR T	ME	YEAS	-	_	ATOR'S		DEPTH	MAI	*	WAVE SERVATIONS	WEA-	CLOUD		Ī	HOOC
NO.	CODE		1/10	17/10	10*	1°	MO)		R.1/10		CRUISE NO.		HOITAT		MOTTOM	S"MPL	U	HGT PIE SE	COOE	THE AM	1		STATION NUMBER
318006	FV	2831	N	07640 W	080	86			143	1047	A71	0.15			2500	7				1176 A.M	1	-	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		. 2051	74 1	07640 W.	1080	WA		-	VINO	1967	-	O 4 S		\vdash	3589	<u> </u>	29	2 2	×1	815	1		0045
						COLOR		DIA	SPEED 01592	MARC	J-	RY	WET	CODE	HO. OBS.	591	ECIAL VATIONS						
						CODE	(m)	Jun 1	POICE	{mba	1 81	JLB	BULS		OEPTHS	Castr	TA IIONS						
								30	508	221	0 20	06	150	7	18			}					
	MESSENG	CAST NO.	CARC			1 %	Τ.	.,	T		SPECIFIC	VOLUM	ut E	Δο	sou	ND.		100				_	7
	HR 1/10	9 NO.	TYPE	DEFIN	" "		, ,	٠/٠.	SIGA	T-AA	AHOM	ALT-BI	p 01	N, M	VELO		03 ml/	PO a = P	101AL-P 101/10 - 01/1	NO2-N ug - at/1	NO3=N HI = 01/I	St Og 1	рн
							1		1	-		_			-			-			9 N - 001	P # 1 4.0	-
		' '	STI	0000	' 2	359	366	0	240	20	0029	744	. 1	000	153	137	472	1 1					1
	046	6	085	0000		359	365		240		002	, , ,,	• •	,00	153		472						
			STI	0010	2	360	366	1	249		0029	975	7 00	29	153		485						
	046	5	085	0010	2	360	366	06	240	9					153		485						
			STO	0020	2	359	366	O	250	00	0029	797	7 00)59	153	36	482						
			510			358	366		250	00	0029			89	153		480						
			510			357	366		250		0029	899		49	153	40	477						
	046	5	085	0051		357	365		250						153		477						
			STO			357	366		250		0029			23	153		477						
	046		511 0B\$			356	366		250		0030	036	02	9.6	153		478						
	046	,	510	0102		356 341	366		250						153		478						
			STO			325	366 367		250		0029			73	153		466						
	046		085	0152		324	367		251 251		0028	15/3	04	45	153		455						
	0.0		510			149	367		257		0023	0	0.5	75	153 153		454						
	046)	085	T0203		139	367		257		0023		0,0	13	153		440						
			5T0			990	366		260		0020	203	0.6	84	152		450						
			510	0300		878	366		263		0018			80	152		457						
	046	>	085	0305	11	869	366	03	263						152		458						
			ST0		1.	793	365	2	264	7	0017	102	09	56	152		460						
	046		085	T0401		792	365	15	264	7					152	47	460						
			510			561	362		266		0016			22	152	21	418						
			STO			496	359		267		0014	726	12	77	151	83	383						
	046		085	0609		179	359		267		_				151		380						
			5 T D			279	356		269		0013			16	151		358						
	046		085	T0810		058	353		271		0011	126	15	37	150		333						
	040		510	0900		793	353 351		271		0000	112	1.4	2.2	150		331						
			510	1000		501	350		276		0008		16 17		149		410						
	046		085	1015		579	350		276		0000	171	1 /	04	149		480						
			510	1100		20	350		277		0005	353	17	62	149		528						
			510	1200		+65	350		277		0004		18		148		564						
	046		085	T1211	04	+60	350.	25	277						148		567						
			5T0	1300		32	350	1	277	8	0004	599	16	60	148		587						
			510	1400		09	3500		278		0004	481	19		149		599						
	054		085	1479		98	3499		278						149		601						
	0		510	1500		96	3499		278		0004	457	19	50	149		600						
	046		OBS	1513		195	3499		278						149		600						
	054		51D	1750		172	3491		278		0004	445	20	61	149		597						
	054		0B\$ 5T0	1978		151	3496		278						149		597						
	054		085	2000 T 24 76		149	3496		278		0004	448	21	73	1498		598						
	0,54	,	5TD	2500		113	3494		278 278		000		2.1	0.5	1504		606						
	054	-	085	2979		78	3492		278		0004	473	23	77	1504		606						
	0.54	,	STD	3000		77	3492		278		0004	31.6	2.6	16	151		608						
	054	(085	T3386		55	3491		278		0004	540	26	13	1513		608						
	-	,		. 5500	02	-	5771		210	U					151.	1.0	617						

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REPERENCE SNIP LATITUDE	LONGITUDE 28 MAR		TION TIME	TEAR	DRIGINA		DEFTH	MAX. DEPTH	32.60	WAVE	WEA-	CLOUD			ODE	
CODE NO. COOF . 1/10	, 1/10 g g 10.		DAY HR.1/10	16111		MEER	MOTTON	S'MPL'S		HGT FEET SEA	CDD1	STEL AM			PERMU	
				10/3			10/1			1 2		3 3	1		2011	
318006 EV 2832 N	07715 W 1080	87 01 1	31 092 WIND	1967	A71 046	2 4	1061		30	1 12 1	X1	1 3 1 3	1	- 1	0046	
		COLOR TEAN	59110	METE)- <u> </u>	WET COD	NO. 085.	SPECI. DESERVA								
		CODE (m)	DIR 01	40.00		BULE	DEPTHS	0036877	10143							
			32 506	240	206	150 7	11									
MESSENGE CASE CAR	0				SPECIFIC VOLUM	, ≱ ∆□	SOU	200		PO4=7	TOTAL-F	NO2-N	ND2-N	SI O4-5		[]
TIME OF NG. TTE		2 :	s "4. sig	MA-T	ANOMALY-EIT		VELO		2 ml/(yg + 61/1	45 e 41/1	μ ₁ = α1/1	yg - at/l	NO - 01/1	g 74 (500
HR 1710				-												-
5.1	0 0000 2	364 36	64 25	0.1	0029572	0000	153	134 /	79	1				1	ŀ	1
096 065			642 25		002/7/2	0000	153		179							
576 553 ST			64 25		0029657	0029	153		494							
096 065			640 25		002.037	0-2,	153		194							
5.1	0 0020 2	365 36	64 25	01	0029707	0059	153	38 4	88							
51	D 0030 2	365 36	64 25	00	0029747	0089	153	39 4	484							
ST			64 25		0029837	0148	153		477							
096 089		366 36	641 25				153		+77							
ST			64 25		0029855	0223	153		+76							
51			64 25		0029874	0297	153		+75							
096 085			644 25			0.7	153		75							
ST			76 25 82 25		0026646	0368	153 153		152							
096 065			816 25		0023941	0431	153		440							
51 51			72 26		0020104	0541	152		449							
096 085			717 26		0020104	0.41	152		449							
51			63 26		0016413	0638	152		+54							
ST			56 26		0017298	0727	152		+56							
096 065	0301 1	826 36	555 26	41			152	40 4	+56							
ST	0 0400 1	750 36	44 26	52	0016609	0897	152	33 4	+54							
096 OBS			440 26				152		+54							
ST		502 36			0015538	1057	152		11							
5.1			87 26		0014056	1205	151		376							
096 065			860 26				151		374							
ST		207 35			0012447	1338	150		352							
ST		980 35			0010389	1452	150		330							
096 065			245 27 09 27		0007938	1544	150		328 397							
51 S1			02 27		0007938	1609			535							
096 089			014 27		0000146	1009	146		556							
398 063	, 11012	-,,	01- 21	, -			140		,,0							

REFERENCE	SHIP				E MAR	ASE	STATIO	N TIMI			_	NGIHA			DEPTH	MAX.		WAVE ERVATIONS	WEA	CLOUD			HODE	
CODE NO.	CODE	LATITUO		LONGITUOE	3 9					EAS	CBUISE HD.		TATIC		TO 100	0.0			- 5000				STATION	
NO.	-		1/10	1710	10*	1,	MD DA	Y HIL	/10		MO.		UMS	TA .	_	2.W.L.	OU.	HG# PER SI	- A	TTPE AM	1	\rightarrow		1
318006	l Ev l	2828	N I	7749 W	1080		01 31			967	A71				1006	<u> </u>	32	1 2	X 1	8 2	1		0047	1
						WAT	ER	WIF		BARC)- 	IR TEA		- VIS.	HO. OSS.		CIAL							
						COLOR	Z HAST) R.	01	METE adm)		JL9	WE		DEPTH	OBSERV	ATIONS							
						-	\rightarrow	\rightarrow	0001	-	-	-	_			+	-							
					- ,			30 5	02	254	4 2	06	15		11	 ,						-	-	\neg
	MESSENGE	CASE	CARD	DEPTH W		*	٠,٠	. [SIGM		SPECIFIC	VOLUE	ME	MYH, M	SC	DNU	D 2 ml/l	PO4-P	IDTAL-P		NO3-N	\$104~		5 C
	HR 1/10	HO.	1166		" `	•	1	"	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		MOM	A67-E11	"	R 10 ³	VEL	OCITY		μğ + 01/I	NS - 01\(\)	νg = 81/1	vg - st/l	ug - 81	4	Ċ
								\neg					\neg											
	ı	, ,	511	0000	٠,	344	3660	١ '	250	۱ ۵	002	92A	1 '	0000	1.5	329	483	1	'	•		,		٠,٠
	128		065	0000		344	3660		250				-			329	483							
	120		511			346	3660		250		002	937	6	0029	1.5	331	499							
	128		065	0010		346	3660) 5	250	4					15	331	499							
			5 T			342	3660		250	4	002	934	3	0058	15	332	494							
			STI			336	365	,	250	6	002	924	7	0088		332	469							
			5 T I	0 0050	2	317	365	9	251		002	8854	4	0146		330	482							
	126		085	0050	2	317	3651	8.8	251							330	482							
			5 TI			280	3659		252		002			0217		325	479							
			5 T			232	365		253		002	6714	4	0285		317	472							
	128		085	0100		232	3651		253					03/0		317	472							
			STI			171	3670		256		002			0349		307	443							
			5 TI			102	3675		258		002	228	9	0407		294	443							
	128		065 5TI	0150 0200		102 937	367		258		001	802	1	0510		256	447							
			065	10200		934	3669		262		001	0 , 2	•	0-10		256	447							
	128		511			861	3651		263		001	7740	2	0602		242	450							
			5 T			805	365		264		001			0689		234	452							
	128		085	0300		805	365		264		001					234	452							
	120	'	5 T			749	364		265		001	659	9	0856		233	452							
	128		065	T0401		748	364		265						15	233	452							
			5 T			616	361	3	266	3	001	573	7	1018	15	206	413							
			ST	0 0600	1	448	3590)	268	0	001	4351	6	1169	15	167	380							
	128	ı	065	0602	1	444	358		268	0						166	379							
			5 T			259	355		269		001			1306		117	357							
			ST			011	352		271		001	0709	5	1426		043	334							
	128		065			991	352		272							037	332							
			5 T			702	3510		275		000	126	9	1516		941	439							
	128		085	0973	0	438	3499	16	277	6					14	845	579							

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

																,									
REFERENCE	SHIP	LATITU	ne l	LONGITUDE		UARE	STATI	N TIM			$\overline{}$	RIGIN			DEPTH	MAX.	0.0	WAVE		WEA-	CLOUD			NODE	
CODE NO.	CODE	LA III O	1/10	* 1/10	JO 2 L.					TEAR	CRUISE NO.		OITAT		IO MOTTOM	DF		ERVATIC		THER	CODES			TATION	
1101			-			1	MD D	AT HR	1/10		NO.		TO MIN	-		S'MPL"	Disk	HGT PER	SEA	-	TTPL A M	7			
318006	l Ev l	2834	N	07829 W	1080		01 3			967	A71				0933		00	0 X	1	X1	8 3			0048	
						WA	TER	WI	_	BARE) · ·	LIS TEA	up. °C	- vis	NO.	392	IAL								
						COLDS	TRANS.	Diff.	SMED	METE		DAY ULB	W E1	COD	DES.	DESERV	A BONS								
						-	\vdash	-	PORCE	_	_	\rightarrow													
	_						Ļ	27 5	503	28	1 2	39	16	<u> </u>	12										
	MESSENG		CAR	D DEPTH	im i	1 %	١, ،	·/	SIGM	4 1	SPECIFIC			₹ A D		מאנ	D2 ml/l	PD4-	-P 1	101AL-P	NO2-N	ND3-N	SI D4-5		5
	HR 1/10		TYP	£		_	`		1100711		ANOM	ALT-310	٧	x 10 ³	. AFTE	77130	D2 mij 1	75 - 0	1/1	μη - a1/1	ug = et/1	νg - e1/1	μg - α1/	βN	č
													\neg					\top	_						н
	1	'	ST	p 0000	າ ່ :	251	365	۱ ۱	252	۱ ۸	002	722	1 .	0000	15:	305	483	1	- 1				1	1	11
	15	9	085			251	365		252		302			,,,,,,		305	483								
			5.1			245	365		252		002	709	7 1	0027	15		502								
	15	9	085			245	365		252		002		,		15		502								
			ST			245	365		252		002	712	7 1	0054	15		496								
			5 T			245	365		252		002			0081		308	491								
			ST	D 0050) 2	244	365	4	252		002			135	15		488								
	159	9	085	0050) 2	244	365	37	252						15		488								
			5 T	D 0075	5 2	243	365	4	252	8	002	7279	9 (203	153	315	494								
	159	9	085	0075	5 2	243	365	38	252	8					153	315	494								
			ST	D 0100) 2	231	365	9	253	5	002	5714	. (271	153	317	464								
	159	9	085			230	365	8 8	253						153	317	463								
			ST			151	366	В	256	5	005	3975	5 (334	153	301	440								
			5 T			074	367	2	258	9	002	1759	9 (1391	152	286	427								
	159	9	085			071	367.	20	259						152		427								
			ST			940	366	4	261		001	9075	5 ()494	152		440								
	159	9	085			935	366		262						152		441								
			ST			857	365		263		001			585	152		455								
			5.1			795	365		264		001	5770) (671	152		461								
	159	9	085			794	365		264						152		461								
			51			730	364	_	265		001	5390) (837	152		448								
	159	7	085			729	364		265						152		448								
			ST			565	361		267		001			995	151		452								
			5.1			373	357		268		001	3609	<i>}</i>	138	151		457								
	159	7	085			367	357		268					2 = 0	151		457								
			ST			160	352		269		001			273	150		398								
			ST			909	350		271		001	1873	5	1394	150		337								
	159		085			901	350.		271						150		335								
	159	,	085	0899	,	622	350	28	275	y					149	908	452								

0.00	HENCE						MAR		STATION		T	_	ORIGIN		40	$\overline{}$		MAX.	1	WA			Crons	т		
CIRY		SNIP	LATITU	DE	LONGITUDI	Delini OC 16	SQU		(GM		YEAR	CRUISI		STATIC		+	DEPTH	DEFTH	081		ATIONS	WEA				TATION
CODE	NO.	CODE	•	1/10	* 1/		10"	1 11	MÓ DAY	HIL1/1	5	ND.		NUM			MOTTO	S.Mbr.	DIL	MGT	fen 31	CODE	TIPE AN	7	N	UMBER
31	8006	Εv	2835	N	07900	w	080	89	01 31	197	1967	A 7 1	04	9		0	841		00	0	X	×1	2 2			0049
	.0000		2033				1000	WAT		WIND	BAI		AIR TE			4	NO.			1	1 1	'	,	•	- 1	,
								COLOR	TRANS D	a seri	DIMET	ER	DRY	WE	1 00	M. DDE	D85.	CASERV	TAL ATIONS							
								CODE	(m)	100	CI [MI	1) (1	HULB	8 U I	.0		DEFINS									
									0	50	0 26	4 2	39	14	4 8	3	11									
		MESSENGE	CAST	CARD	$\overline{}$		Τ.					SPECIFI	c volu	IMP.	Σ Δ	D	sou	IND		Τ,	Oa~F	IDIAL-P	NO2-N	NO1-N	5104-54	
		11341	NO.	TYPE		N (m)	1	2	5 %	51	SMA-T		AL7-1		DYN.	M.	VELO		D3 ml/l		8 = 81/1	#8 - 81/I		yg - 01/1	μφ · 01/1	ęН
		HR 1/10	\vdash				+-		-	+		-		\rightarrow		_	-			+			-	-	_	-
		1							2452	1			7/1	, 1	000		1,55	,,,,	502				l	l	l	l
				51		00		265 265	3653 3653		522 522	002	761	Ţ	000	,0	153		502							
		199		085 ST		10		265 248	3653		526	00.3	724	2	002	7	153		520							
		199		085		10		248	3652		526	002	124	۷	002		153		520							
		199		ST		20		246	3652		526	00.2	722	7	005	. 4	153		508							
				5 T		30		244	3652		527		723		008		153		500							
				ST		50		241	3652		527		726		013		153		495							
		199	,	085		50		241	3651		527	000	0	-			153		495							
		177		51		75		240	3651		527	002	736	9	040) 4	153		508							
		199	3	085		75		240	3651		527						153		508							
				ST		00		240	3652		528	002	743	1	027	73	153	318	483							
		199)	085	01	00	2	240	3651	9 2	528						153	318	483							
				ST	0 01	25	2	209	3669	2	549	002	547	7	033	39	153	317	455							
				5.1	0 01	50	2	152	3677	2	571	002	347	4	040	0	153	307	438							
		199	,	085	01	50	2	152	3676	6 2	571						153	307	438							
				ST	0 02	00	1	961	3667	2	615	001	943	3	050	7	152	263	438							
		199)	085	T 0 2			958	3666		616						152		438							
				ST		50		877	3658		630		819		060	-	152		443							
				ST		00		794	3652		647	001	677	0	068	39	152		454							
		199)	085		00	1	794	3651	9 2	647						152	231	454							
				ST		00			3651										492							
		199		085	04				3651										492							
		199)	085	106			272	3564		697						151		348							
		100		51				031	3534		718						150		359							
		199	,	085	07	89	0	765	3509	2 2	742						149	941	370							

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CERT ID. CODE NO.	SHIF		1/10	1/10	MAR SOU	ARE I'		1 HIL1/10	YEAR	CRUISE ND.	N	O:TAT	IN ER	DEPTH TO BOTTO	M OF S'MPL	S DIL	WAVE SERVAT	ID IN	WEA THER CDD			S	NDDC TATION UMBER	
318006	I E V	28325	N I O	7918 W	080	89		217	1967		050			0823	<u> </u>	0.0	יו טוי	. 1	1 ^ 1	1 213	1	- 1	0000	1
								WIND	BAI	D-			- VIS	ND. OBS.		CIAL								
						COLDR	FRANS. DIE	FOR	100		ULD	BUL		DEPTH	Dazes.	VATIONS								
							00		$\overline{}$	7 2	06	13	9 7	10	_									
							100	300		1/ / 2	00	10		10	Ь.,		4							
	MESSINGE SIME S		CARD	DEPTH U	mi T	7	5 %.	\$10	MA-T		VOLUA ALF-#19		₹ Δ D DYN, M x 10 ³		LOCITY	D3 ml/		4-F 01/I	FD1A (=)		NO 2-N	S) D4-50		CC
												1						ï						
	1	' '	510	0000	2	436	3637	24	59	003	3594	. '	0000	15	348	472								
	219		085	0000		436	36367	24	59					15	348	472								
	219		085	0009		426	36356	24	61					19	347	477								
			510	0010	2	425	3636	24	61	003	3417	7	0033	15	347	477								
			510	0020	2	420	3635	24	62	003	3339		0066		348	475								
			STD	0030	2	416	3635	24	63	003	3279	9	0100	15	348	473								
	219		085	0041	. 2	413										472								
			510	0050		412	3635		65	003	3251	L	0166		351	472								
	219		085	0061		410	36346		65						352	471								
			510	0075		407	3635		66	003	3224	+	0249		354	469								
	219		085	0082		406	36347		66						355	468								
			STD	0100		361	3643		86		1424		0330		348	468								
			510	0125		298	3653		12	002	9004	4	0406		337	461								
	219		085	0125		298	36535		12						337	461								
			510	0150) 2	211	3663	2 5	45	002	5991	1	0474	15	321	443								
	219		085	0169	}		36685	,								433								
			5TD	0200) 2	061	3667		89		1971		0594		5290	429								
			510	0250		944	3663		17	001	9438	В	0698		266	421								
	219		OBS	0259		926	36624		21						263	420								
			STD	0300		877	3659		31	001	824	7	0792		255	414								
	219		085	0350		808	36526		44						243	449								
	219		085	0707	1	048	35265	2	709					15	041									

REFERENCE CTRT ID. CODE NO.	SNIP	LATITUDE 1/16	1	EGITUDE THE	MARSD SDUAR	t E	STATION IGMT		YEAR	CILUISE ND.		TOU'S ATION MBER	\neg	DEPTH TO BOTTOM	MAX. DEPTN DF S'MPL'S		WAVE ERVATIONS HGT PER SI	WEA- THEE CDDE	17FE A.M.		S N	NDDC IATIDN UMBER	
318006	EV	28325N	07	935 W	080	89 0	1 31	237	1967	A71	051		C	786	<u> </u>	00	0 X	X1	3 5			0051	l .
						WATE	R.	WIND	BAR	D	R TEAN		vis.	NO.	SPEC	CIAL							
						OLDA	MANS DIR	SPEED	MET (mb			WET BULB		OBS. DEPTHS	OBSERV	ATIONS							
					F	-	27	504	25	\rightarrow	0	150	8	10									
		1			_		15.	1001	100			7 -	ΔÞ	1	. T		T						1
	MESSENGR TIME HII 1/10		TYPE	DEPTH (m)	1 1	°C	s */	SIG	ra-I	SPECIFIC		" DY	N. M. 10 ⁹	VELD	CITY	D2 m1/1	PO4=P up = 61/I	101AL-P #2 - 01/1	ND3-N NB- BI/F	NO3-N 48 - 61/I	St O4=St HE - 81/1	pΝ	ć
																							11
	•		510	0000	25	16	3625	24.		0036	766	0.0	00	153		464							
	239	0	85	0000	25		36248							15		464							
			SID	0010	25		3625	24		0036	807	0.0	136	15		472							
	239		85	0010	25		36248							15		472							
			5T0	0050	25		3625	24		0036			73	15		471							
			5TD	0030	251		3626	24.		0036	570	0 1	10	153		461							
	239		85	0048	24		36268	24		0035	970	0.1	82	15		457							
			STD	0050	24		3629	24		0033			169	15		421							
			SID	0075	24		3649 36539	24		0033	345	U Z	69	15		413							
	239		85	0096	24		3649	24		0031	562	0.3	350	15:		425							
			STD	0100	22		3627	25		0028			25	15		472							
	239		85	0145	20		36230			0020	210			152		477							
	227		5 T D	0150	20		3629	25		0024	915	04	91	15		463							
	239		85	0193	19		36617	26						157	256	372							
			STD	0200	19		3660	26.	20	0018	981	06	01	157	252	369							
			STD	0250	17		3645	26		0017	121	06	91	157	222	348							
	239		85	0288	16	96	36309	26	55					15		336							
			510	0300	16	65	3625	26	57	0015	712	07	773	15		334							
	239	9 0	85	10383	14	45	35859	26	77					15		320							
			STD	0400	13	82	3576	26		0013			19	15		318							
			STD	0500	10		3529	27		0010	892	10	40	150		305							
	239		85	10576	0.8		35055							14		296							
			510	0600	0.8		3503	27		0009			140	149		304							
			STD	0700	06		3492	27		0007	633	14	223	148		361							
	239	9 0	85	0740	06	2.5	34882	27	45					148	086	314							

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CTAY ID. CODE NO. CODE 318006 EV	LATITUDE . 1/70 2834 N	LONGITUDE \$ 8	10° 1°	TRANS DIR.	YEAR	O- AIR TEMP. ER DRT V EI BULD E	ABER VIS.	10 DEFIN DEFIN S'M	PTH ORSE PL'S Dix	WAVE RVATIONS HGT PH SEA O X	WEATHER CODE	CLOUD CODES		ST NI	IDDC ATION JMBER	
MESSENGE TIME & NR 1/10	CAST CAL		1 10	5 */**	SIGMA-T	SPECIFIC VOLUME ANOMALY—118?	₹ △ D DYN. M x 10 ³	SOUND	D2 ml/l		P - BIA	HD2-N μg - et/t	ND3-N #8 - 01/1	SI Q 4-51 99 - 01/1	рН	000
018	08: 08: 5:	0009 0010 0010 0020	2469 2469 2473 2473 2469 2466	3610 36099 36099 3610 3610 3610 36103	2429 2429 2427 2427 2427 2430 2431	0036475 0036615 0036556 0036496	0000 0036 0073 0109	15353 15353 15356 15356 15357 15358	458 478 477 473 469							П
018	S S OB: S	TO 0050 TO 0075 S 0092 TD 0100	2461 2441 2321 2243 2219	3612 3623 36277 3629	2439 2482 2508 2516	0035695 0031647	0181 0266 0341	15355 15331 15315 15311	465 468 469 469							
018	085 S	0129	2109 2086 1929	3632 36324 3624	2549 2556 2591	0025470	0408	15286 15281 15241	448							
018	085	T0185	1614 1459	36106 3592	2658 2679	0013290	0554	15153 15105	318							
018	OB:	5 0228	1138	35425	2705			14996	295							

																															_
CTEV	ID.	SHIP	LATITU	DE (/)0	LONGITUDE 1/10	DEDIT	SOU 10°	ARE		TION TO		YEA	R	CRUIS		TATID	н	┪.	DEPIH ID EDTTOM	MAL DEPTH DF S'MPL'!		SERV	A DC	ONS SEA	WEA THEE CDD	:L	CODI	2		NDDC STATION NUMBER	
31	8006	Ev	2836	N	08012 W		081	80	02	01 (040	196	5.7	A7;	05				0037		00		Х		×1	1	8 2	-		0053	3
								WAT		-	CHILA		ARO-	. L.	AIR TEA	UP TO		15.	ND.	SPE	CIAL										
								COLDS	1 EA N 1	DIR	Da 254F	- 17	48788 (mba)		DRY BULS	ME:	l cc		OBS. DEPTHS	OBSERV											
										00	\$00	2	254	- 1	206	13	9 8		03												
					RD DEPTH	(m)	7	70	s	٠/	SIG	MA-1	7		C VOLU		₹ ∆ DYN. ± 10	M	SOL	DCITY	Q 2 m1/1		PO4-		10TAL=1		O2-1				5 C
																						Т				Т					
		,		S1	το ΄ οοοι	0	2	196	36	26	25	521	,	002	2768	4	000	0	15	288	483	1						,	1		
				085	5 000	0	2	196	36	265	25	21							153	288	483										
				5	TD 001	0	2	190	36	26	25	22		002	2758	6	002	7	157	288	477										
		041		085	5 0010	0	2	190	36	262	25	22							157	288	477										
				51	10 002	0	2	182	36		25	524		002	27430	6	005	5		288	478										
		041		085	5 002	5	2	178	36	259	25	25							152	287	478										

Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.

REFERENCE P MARSDEN STATION TIME DISGINATOR'S CHIEF	MAX. WAVE USE CLOUD
SHIP LATTING LONGITUDE X SOUALE GOATT THAN CHURCH STATION TO	OFFTH ORSERVATIONS THE CODES STATION
	PMPL'S DR HGE PER SEA COOR TYPE AMT NUMBER
311087 A1 2835 N 07015 W 080 80 06 26 135 1967 A72 001 5394	00 b 0 x1 8 2 0012
WATER WIND BARD AR TEMP. C NO.	SPECIAL
COLOR TRANK DIE. SPEED METER OFF WET CODE OFFINE O	BSERVA RONS
COOK - PORCE MAIN SOCK STATE	
15 507 163 278 239 7 14	
MISSINGE CAST CARD OPPN M) T C 1 4. SIOMA-T SPECIFIC VOLUME ANDMALT-STEP X 10 VELOC	
HE 1/18 NO. 1179 VELOC	
135 085 0000 2629 36371 2400 1539	
510 0010 2584 3642 2418 0037562 0038 1538 510 0020 2536 3648 2437 0035731 0075 1537	
5TU 0020 2536 3648 2437 C035731 0075 1537 135 085 0026 2505 36527 2450 1537	
STO 0030 2470 3658 2465 0033127 0109 1536	
510 0050 2310 3676 2526 0027376 0170 1533	
135 085 0052 36772	
STD 0075 2145 3672 2569 0023357 0233 1529	92
135 085 0078 36713	
570 0100 2021 3669 2601 00204+2 0288 1526 135 085 0104 2005 36683 2605 1525	
510 0125 1946 3665 2618 0018931 0337 1524	
510 0150 1896 3662 2629 0017982 0383 1523	
135 OBS 0155 1889 36617 2630 1523	35
510 0200 1874 3662 2635 0017577 0472 1523	
135 ORS TOZO9 1870 36626 2636 1523	
135 085 70413 1733 36442 2656 1523	
570 0500 1659 3631 2664 1522 135 0P5 0517 1635 36268 2666 1521	
510 0600 1466 3595 2680 1517	
135 085 10618 1428 35886 2683 1516	
510 0700 1215 3558 2703 1510)2
STO 0800 0994 3531 2722 1503	
135 085 0830 0936 35245 2727 1502	
510 0900 0818 3517 2740 1498 510 1000 0681 3508 2753 1494	
135 085 T1045 0631 3505 2758 1493	
\$10 1100 0595 3506 2763 1493	
510 1200 0537 3506 2770 1492	
510 1300 0490 3506 2776 1492	
135 085 1316 0483 35060 2776 1492	
570 1400 0452 3505 2779 1492	
510 1500 C425 3503 2791 1492 135 085 11598 C4C8 35006 2780 1493	
133 033 11373 0400 33010 2750 1473	,,

FEBING V IC	D.	SHIF	LATITU	DE 1/18	LOH	GRUDI 1/18	E DOG	MARS SQU	ABS	STAT	OH TH	1	TEAS .	CBUIS		ATION		OFFTO OFFTO	100	TH OR	WAVE SERVATIO		WEA- THER CODE	CLDUD CODES			NODC TATION TUMBER	
+	\rightarrow						$\overline{}$	_	1		$\overline{}$		04.7		+		\rightarrow		\rightarrow	-	+	,,,,	٧,	8 5			0013	
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										,		SPFED	BARO- METER		OFY	WET	VII.	ND.		PECIAL	1							
									CDLOR	Z HAB?	DR.	DRCE DR	imbel		BULB	BULB	CODE	DEPTH	(S Dase	EVA TONS								
											19	512	2 03	1	266	239	7	14			1							
	1									╁		1		-				-		T	1	Π.	. 1					T,
		MESSENON TIME HB 1/18	HO.	CA 17		DEPTH	(= 1	Ŧ	₹	5	٠/	9GM	A-F	AND	PIC VOLUM	;; i	E A D DYN. M I 10 ³	. 4	FEDCILA	D2 mV	PO4-		PB - 41/1	HO3-H	NO3-N	SI Da-S		ć
				5	10	0000)	21	553	362	6	238	4	004	40731	. 0	000	15	5397		1						1	11
		193	3 '	08	5	0000)	21	553	362	63	238	4					1.5	5397									
				5	T O	0010)	2	566	363	18	242	0	003	37316	. 0	039		5381									
				5	T D	0020)	2	485	364	9	245	4	00	34167	. 0	074		5365									
		18	3	0.6		002			454	365		246							5359									
					TO	0030			420	366		248			31391		107		5353									
					TO	005		2	315	368		252	8	00	27213	0	166	13	5332									
		18	3	08		005		_		368			_															
					10	007		2	199	367		255	9	002	24385		230	1.3	5 3 0 7									
		18		0 P		107				367																		
		18	3	08		1)099		-		367		250			22200		200											
					10	010			102	367		258 260			22389 20472		289		5285 5268									
		3.0	2		10	012			23	366		261		00.	20412		1342		5256									
		18:	,	0.9	5 TO	014			964 962	367		261		00'	19089		392		5256									
					FO	020			394	365		262			18322		1485		5244									
		18	2	08		T020			994	365		262		00	10722		703		5244									
		10.	,		T O	025			854	365		263		oo:	17584		575		5240									
					10	030			816	365		264			17014		1661		5238									
		183	3	0.6		039			756	364		265		-					5234									
		• • •			TO	040			755	364		265		00	16396		829		5235									
		18	3	08		048			7 C 7	363		265							5234									
					10	050			686	363	15	266	C	00	16123		991	1.	5230									
		18	3	0.8	5	1057	8	- 1	574	361	37	267	0					15	5206									
				S	T O	060	0	1	551	360	9	267	2	00	15219	1	148	15	5202									
				5	ΤO	070	0	1	425	356	8 8	268	3	00	14331	. 1	296	13	5176									
		18	3	08	S	076	3	1	328	357	134	269	2					1	5152									
					TO.	080			252	356		269			12857		432		5132									
					T O	090			055	353		271		00	11128	3 1	551		5076									
		18	3	08		1094			976	352		272							5054									
					TO	100			853	352		273			08968		652		5017									
					TO	110			681	351		275		00	07140)]	732		4966									
		18	3	0.8		117			5 8 8		062	276							4940									
					TO	120			574	350		276			06 08 8		799		4940									
					10	130			524	350		277			05556		857		4936									
					TO	140			474	350		277		00	05037	1	910		4932									
		18	3	ОВ	5	T140	2	0	473	350	042	277	6					1	4932									

Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

-	ENCE	_	_				_					—,		_					_											
_	ID.	SHIP	LATITU	DE	LON	GITUDE	5	MAR	M3DEN ARE	STAT	ION T	TAKE	PEA		CRUISE	DIEGIN			4	OEPTH TO	MAL	. 00	WAVE	ONS	WEA	CLDUC	:	١.	NODC TATION	
CODE	NO.	COOS		1/10		7/18	2 g	10*	774	MDI	DAY I	4R.1/10			ND.		STATI MUM		- 1:	MOTTOM	SARES		INGT PE		_ con		_		BRAN	
31	1087	ΔI	2835	N	072	34 W		080	82	06 2	6		196	7	A72.	00	2		-	572		00	0 0	1	X1	9 4	+		0014	
, - •	,						' '	1	WAT			WMO		_	7	AR TE		- T	-5	ND.			יין אן	1	1 ~ 1	1 7 17	1	- 1	0014	
										TRANS	DR.	SPEED) M	ABO-		भर		21 C	VS.	280	DISERV	ATIONS								
									CODE	-		FORC	4	m tra 1		ULB	ŧυ	LI		DEPTHS										
											13	505	1	46	2	72	23	39	7	13										
	- 1	MESSENG TIME		CA	10	DEPTH &		٠,	₹	١.	٠/		MA-1	. 1	SPECIFIC	VOLU	m E	8 A	0.	sou	ND	D10	104	_,	TOTAL-I	ND2-N	NO3-N	\$104-54		5
	Į	NE 1/1	MO.	71	rt		•		ŭ	Ι΄	***	1 200	MA-1	Ή.	ANOM	ALT-ET	"	DYN		VELO	СПУ	03 mV	41.0		28 + 01/l	#0 - BE/T	µg - st/l		pH.	Č
	ſ			S1	ro	0000	1	2.	710	362	8	23	67	\top	004	234		000	0.0	154	10		1	\neg						Н
				OB:	s'	0000			710	362		23		٠,			- '	-		154			1	1		'	1	1	•	
					10	0010			572	365	3	24.	29		0036	545	3	003	9	153	84									
					0	0020			157	367		24			003	186	9	007	13	153	00									
				089		0024			117	367		24								153										
					10	0030			376	367		25			002			010		153										
				S1		0050			251	368		25			0025	549	b	019	8	153										
				Ub.		0050			251	368		25							_	153										
				S 1	0.7	0075			148 161	367		25			002			021		152										
				51		0125			990	367		25 26			0021			027		152										
				085		0149			337	366		26			001	700	3	032	2	152										
				51		0150			36	366		26			COLE	156	a	037	7 2	152										
				S 1		0200			373	366		26			0017			046		152										
				OB:	S	T0201			372	366		26								152										
				5.1	g 1	0250		18	335	365	9	26			0017	707	3	055	0	152										
				089	5	0299		18	3C1	365	49	26	47							152	33									
				51		0300			300	365		26			0016	571	0	063	4	152	33									
				089		10397			738	362	CQ		360																	
				\$1		0400			738	364		26			0016	541	3	080	0	152										
				089		0492			70	363		26								152										
				\$1		0500			555	362		26			0015	82	1	096	1	152										
				085		70587 0600			89	359		26								151										
				083		0683			95	356		26			0014	+ 5 9	L	111	. 2	151										
				S1		0700			254	356		26			0012	- 0		124	,	151										
				089		0779			77	354		27			0012	. 00:	,	124		151										
				S 1		0800			31	353		27			0010	1589	5	136	. 3	150										
				SI		0900			336	351		27			0000			146		149										
				089		0973			117	350		27						. 40	-	149										
				089		71464			49	350		27								149										

to rese	HCE					L PL M	ABSOEN	STAT	TON TO	M.F.		Т	ONGI	4ATO	0	Т	DEPTH	MAL	1	-	. vt	WEA-	CLOUG			400C	1
CTET	10. CO		mυoε	LON	GITUDE		BAND		IGMT		TTAR	CBUI		STAT	юн	┪	70	OF	04		ATIONS	THER	COOES		51	MORA	
C004	NO.	<u> </u>	1/10		7/16	- N	1.	MO	DAT H	R.1/10		₩0	1.	NUM	939	4	4OTTO4	SMPL	08.	NG	1 MER SE	COOF	MA PIT	Ŧ	- "	HABER	
311	087 A	283	35 N	073	344 W	0.6	0 83	06	27 0	41 1	967	A 7	2 00	4		ŀ	389	1	15	3	2	X 1	8 2		- 1 (0015	
		·					WA	TER	_ w	MO	BAB	, L	AR T	MP.	t I	VS.	NO.	1 4 9 4	CAL	٦					-		
							COLOR	TRANS	08.	170	AL ET	HA	DET		eT I	000	DEPTHS	Destev		1							
							COOL	+	1.0	90ec1	_			2		_	1.2			-							
	_						\perp	Ļ	15	SC8	19	<u> </u>	264	14	,,	-	13	L		Ļ							_
	ti ti	200년 CA: 1/18 NO		RO PE	OEPTH I	pm3	1 10	1	٠4.	NOM	T-A	SMCI	PIC VOL	197	OTA	1.0	SO YEL	OHU OCITY	02 =1		PO4=P	10141-P	HO3-H sg - st/l	HO3-H H8 - HL/L	\$1 O4-\$1 98 - 86/1	зΗ	č
	120	V18		ГО	0000	, +	2695	36		237	7	00	4139	5	03		15	408		-+							-11
	, ا	41	08		0000		2695		348	237		100	4127	,	001	UU		408		- 1					I		11
	,	41		10	0010		2622	36		240		0.0	3914	4	00	40		393									
				10	0020		2552	36		242			3705		00			379									
	(41	0.83		0022		2539		309	242								376									
				T D	0030)	2495	361	51	245	2	00	3439	0	0.1	14	15	369									
	(41	08	S	0046	•		36	735																		
			S	10	0050)	2390	36	73	250) C	00	2984	7	01	78	15	350									
			S	ΤO	0075		2272	36		253			2670		0.2			325									
			S	T D	0100		2167	3 e		250			2406		0.3			302									
				TO	0125		2077	36		258		00	2191	Ü	03	69		282									
		941	UB		013		2038		485	259								274									
				10	0150		1999	36		260		CO.	2019	13	C 4.	22		265									
	(941	0.0		1018		1924		637	262				_				249									
				TO	0200		1904	36		262			1832		n s			247									
				TD	0250		1858	36		263		0.0	1757	1	r, p	บช		241									
	1	041	D.R		0264		1846		586	263		0.0	1707	,	06	0.5		240 239									
			08	T O	T0344		1792	36	5 7 S	264		00	1707	J	00	77		237									
	1)41		5 T 0	0400		1759	36		269		0.0	1659	6	0.8	4.1		236									
		041	0.8		0400		1741		441	265		0.0	Tuba	0	00	0 3		235									
	,	141		TO	0500		1651	36		265		ac	1623	5	10	27		231									
		041	OB		1051		1676		322	266		-	.02)	_				223									
	,	, , ,		TD	0601		1524	36		261		0.0	1492	4	11	8.3		193									
		041	DB		0000		1524		051	267			-				15	193									
		041	DB		C68		1320		715	269	12						15	137									
		-		TO	270		1267	3.5	67	269	90	vo	1295	3	13	22	15	128									
				T O	0800		1053	3.5	3.8	271	. 7	CC	1687	A	14	42	15	057									
		041	DB	S	0866	5	0520		22C	272								020									
		041	O P	S	T132	2	0452	35	025	277	7.7						14	909									

Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

REFERENCE	31419				MARSD	th	STATION TI				NATO	_	OFFTH	MAX		WAVE	2 mar	WEA-	CLOUD			ODC	
CODE NO.	CODE	LAMINDE		HIGITUOE E	50UA1		AG I DAY IH		TEAR	CHUISE NO.	STATI		TO MOTTOM	S'MPL	"	HGT ME		CODE	TITE AMI		H H	HOITA	
-		~	/10		1	1° A			967	A72 00			4755	2	14	0 4	-	X1	8 2			016	
311087	14	2835 N	4 107	457 W	loso L	WATE		IND I	T	1 Am 7	LMP.				1.7	דן טן		1 ^ *	1015	'	1 '	,,,,	
					-	OLDE -		SPRID	BAR	0-	_	ET COOL	NO. OBS.		CIAL								
						DDE	Dir.	FORCE	teste	I BULL	\$U	La	DEPTHS										
					Г	\neg	15	506	133	2 267	23	39 7	14										
	MESSENGE	Cast	CARD		1	. 1				IMCIPIC VOI	UME	ΣΔD	501	IND		PO4-	-P T	OTA L-P	NO3-N	NO ₂ -N	SI De-SI		1
	TIME NE 1/10	W NO.	TTPE	DIFTH (m)	1	C	3 %.	SIGM	IA-T	ANOMALT-	Lig?	DTN, M	. ASTO	CITY	D2 WV	10 10		pg - s1/l	yg = qt/1	PB - 01/1	#8 = 01/l	рN	14
	PAE 1710	+	STD	0000	26	96	3632	237	5.	004162	3	0000	154	80									TI
	095	.' '.	280	0000	26		36320	237		,			1154			1		,					
		,	STD	0010	25	66	3639	242	1	003723	35	0039	153	361									
			STD	0020	24	45	3646	246	3	003323	31	0074	153	355									
	095	. (0.85	0026	23	76	36505	248	7				153	340									
			510	0030	23	31	3654	2 50	3	C02951	0	0106	153	330									
			STD	0050	21	3 3	3667	256	9	002326	9	0158	152										
	095		280	0051	21	24	36676	257						282									
			510	0075	20	54	3667	259	0	002135		0214		268									
			STD	0100	19		3665	260		001993		0266		255									
			STO	0125	19		3664	261		001881		0314		245									
			510	0150	18		3663	262		001798	3 2	0360		237									
	099		085	0153	8.1		36626	263						236									
	095	i (085	T0194	19		36601	263					157										
			5T 0	0200	18		3660	263		001713		0448	152										
			012	0250	18		3658	264		001679	0 2	0533		230									
	099) (085	0297	17		3657C 3657	265		00163	7.7	0616	15										
	000		STD	0300 10384	17		36445	265		00103	-	0010		227									
	095) (085 STD	0400	17		3643	265		001629	15	0779		228									
	0.95		085	0472	16		3631C	266		00102	, ,	0111		219									
	095	, ,	510	0500	16		3621	265		001548	55	0938		206									
	095		085	10556	15		36007	267		001511		0.50		177									
	0,,,	,	510	0600	14		3585	268		001377	75	1084	15	152									
	099		DAS	0641	13		35713	269					15	127									
	0,,	,	510	0700	11		3552	270	16	001189	9	1212	150	087									
	099	5 (085	0724	11		35445	271	1				150	071									
			510	0800	09	49	3526	272	6	000981	86	1321	150	020									
	099	5 1	085	T0886	07	90	35114	274	0				149	973									
			SID	0900	0.7	70	3511	274	-3	000820)9	1411	149	967									
			STD	1000	06	43	3509	275	8	00066	21	1485	149	934									
			STD	1100	05	48	3507	276		000554	49	1546		912									
	095	5	085	1103	05		35065	276						912									
			510	1200	04		3505	277		00049		1598		903									
			STD	1300	04		3504	277		00047	80	1647		908									
	095	5	0.85	11318	04	54	3503P	277	8				144	910									

ERPERENC	SHIP				- F	MAI	SDeN	STATIO	H TIME				OBGIN	ATORS		DEFTH	MAE		WAVE	WEA-	CLOUD			HDDC	
CTRY ID.	CODE	LATTI	1/10	LDHGI	1/10	10*	JARE 1°	MD DA	W TI		YEAR	CRUISO HO.		HOITAT		TO BOTTOM			ERVATIONS HOT PER SOH	THER	CODES	ļ	, S	HOITAT	
31108	_	2835	$\overline{}$	0752		080	$\overline{}$	$\overline{}$	13	\neg	967	A72	-			4755	1	13	1 2	X1	8 2		\rightarrow	0017	
1 31100	. ~ .	12033	.4	0176	. , , , ,	1000	WAT		WIN		Т .	`	AM TE			ND.	1	_	1- 1- 1	~ •	1012	1	1		1
							COLOR			D6340	METE		DRY	WET	CODE	Des	OSSERV	CIAL ATION S							
							CDDE	=1	,	0100	(mbs	-	ule	8ULa		DEFINS	-								
								1	3 5	07	125	5 2	72	242	7	14	L								
	MESSENC		CA		DEFTH to I	Π.	2"	\$ 0,		SIGM	A-T	SPECIFY	YOLU	ME N	Δ. D.	501	UND	O2 mVI	PO 4=P	TOTAL-P	NO ₃ -N	HO3-H	\$104-5	ьм	1
	HR 1/1		TYP	ч	D(1111 001				"	310		ANON	ALF-ET	" "i	103	, ARG	ocm,		98 - 01/1	yg = at/l	pg = 04/1	pg = 01/1	pg - el/l	, pri	900
			51	0	0000	2	621	3639		240	3	003	8 8 8 4	00	000	153	392								П
	13	3	° □85	'	0000		621	3638	6	240	3 '						392 '		•		,				
			ST		0010		528	3646		243			5607		37		373								
			51		0020		429	3653		247		003	2268	9 00	071		352								
	13	3	085		0025		377	3656		249.						153									
			ST		0030		314	3660		251		002	8584	0 1	01		326								
	13	3	085		0049		108	3671		257		003			152	152									
			ST 51		0050		105 026	3671		258 259			2253 0602		206	152									
			51		0100		960	3663		261			9285		255		246								
			51		0125		908	3661		262			8274		102	157									
	13	3	D85		0146		875	3659		263		001	021-	, 0.	302	152									
	13	,	ST		0150		872	3659		263		001	7588	3 03	347	152									
	13	3	0.85		0199		834	3657		264		001	, , , ,			152									
			51		0200		834	3658		264		001	6952	2 04	34		226								
			5.1		0250		808	3655		264		001	6702	2 05	18	152									
	13	3	0.85	•	0292	1	784	3651	9	264	9					152	226								
			51	0	0300	1	780	3651		265	0	001	6476	06	01	157									
	13	^	0.85		0387		723	3641		265						157									
			51		0400		714	3640		265		001	6111	07	164	157									
	13	3	0.85		0481		626	3622		266						152									
		2	51		0500		593	3616		266		001	5360) 05	21		199								
	13	3	085 51		0574		450 391	3592		268 268		001	3591	. 10	066		164								
	13	9	D85		0664		242	3563		200 270:		001	3771		,00		106								
	13	2	51		0700		153	3552		271		001	1431	1.1	91	150									
	13	3	085		0751		035	3538		272		OUL	173			150									
		_	51		0800		928	3529		273		000	9318	3 12	95	150									
			\$1		0900		744	3514		274			7600		179	149									
	13	3	085	5 T	0927	0	702	3510	8	2 75	2					149	945								
			51	۵۱	1000	0	615	3509	,	276	2	000	6214	14	48	149	923								
			S 1		1100		521	3506		277		000	5251	15	06	149									
	13	3	089		1163		477	3503	6	277	5					148	893								
			51		1200		467																		
			51		1300		442																		
		2	\$1		1400		416																		
	13	3	0.85) 1	1412	Q	413																		

Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

STIBSTHCE	SHIP			FONCLIANOS PO	MAR	НЗО	STATE	ON TH	ME			OBGIH		_	DEPTH	MA		WAVE SERVATIO		WEA-	Cronp			400C	
COOR NO.	COOL	LATITU								TEAR	CRU		STATIC		TO SOTTOM	- 00	00			THER	CODES		l H	UMBER	
	 	2022	1/10	7/10	10*	_	MO 0	_	$\overline{}$	04.7	-	_			755	3 mr		H G1 PES	12A	-	TTM AM	1	1	2010	
311087	IA	2833	ИΙ	076015W	080	86 WA1	2 60			967	Α7				4755	Д_	17	1 2	1	X I	8 5	ŧ	- 1	0018	
						COLOR		\neg	SPEED	BARG		AR TE.	WE.	- VIS	NO. 005.		TCIAL								
						CODE	TEA NO.	OR.	FORCE	4		BULB	BUL		DEPTHS	OBSES	VATIONS								
								17	505	140	5	278	24	4 7	14										
	MEISANGA	CAST	CAB	. 1	Τ		г.,	_		_		CIFIC YOLU		₹ △ 0	1 .0	UNO		904		DTAL-P	HO2-N	н01-н	SI Oa-Si		1
	TM8 1/16	NO.	TYP		'	2	,	٠/	SIGN	AA-7		OMALT-E		2 10 ³		DCITY	02 mV	/O (pg - at/1	#B + 01/1	#8 - 01/I	#g - 01/1	pH	C
			51	0 0000	2	743	361	6	234	17	00	04424	4	0000	15	416			_						П
	169	' '	085			743	361		234	7						416	1	1				'	'		١.
			ST	0 0010	2	451	362	1	244	-3	0.0	3517	0	0039	153	352									
			51	0 0020	2	188	362	7	252	23	00	02753	4	0071		289									
	169		085	0029	1.	977	363	16	258	34						235									
			ST		1	577	363		258	3 7	00	2155	5	0095	15	236									
	169		085	0043			366	56																	
			ST			972	366	6	261			1921		0136		241									
			5 T			966	366		261			1904		0184		244									
			5 T			960	366		261			88610		0231		247									
			12		1.	954	367		262	2.0	00	1871	6	0278	15	249									
	169		085				367						_												
			ST			548	366		261		00	01888	7	0325		251									
	169		085			942	366		261				_			254									
			51			908	366		262			01843		0418		248									
			51			851	365		263		0.0	01743	9	0508		240									
	169		0.82			850	365		263					050/		239									
			51			815	365		264		U	1682	4	0594		237									
	169		085			798	365		264		0.0	11/5/	,	074		237									
	140		51			762	364		265		UL	01654	4	0761		237									
	169		085			756 699	364		265							237 231									
	109		51			676	363		266		0.0	1595	4	0923		227									
	169		085			578	361		267		U	11233	7	0923		205									
	107		5.1			513	360		267		0.0	01475	2	1077		189									
	169		085			425	356		268		0(J. 71J.	4-	. 011		167									
	109		ST			273	357		270		0.0	1249	4	1213		123									
			ŠT			035	354		272			1027		1327		053									
	169		085				354		2,2		-		_												
	,		ST		0	839	353		274	9	00	00775	3	1417	14	996									
			ST			686	352		276			00614		1486		953									
	169		085			686			_ , .		-		-		•										
			5.1			576	351	5	277	72	0.0	00531	6	1544	14	924									
	169		085			509	350		277							913									
								-	_ , ,																

REFERENCE		r				MAR	· · · · · ·	STATIC	7			_	ORIGIN	14.70	~	_		MAX		WAVE		T .		1			1
CTEV ID.	CODE	LATTU	101	LON	៤ពេបនេះ គ្គីនឹ	SQU	ARE	IG	MTI	m:	TEAR	CI		STATI		1	TO	DEFTH	OBS	ERVATIO	ONS	WEA-	CODES		5	HODE	
CODE NO.	10001	'	1/10		1/16 X	181	110	MD 0	LY H	R,1/10				ним		4	MOTTOM	S'MPL"	OR.	HGT PE	SEA	CODE	TYPE AM	Ť.	N	UMBER	
31108	1 A E	2834	N	076	35 ₩	080	86	06 2	7 2	06 1	907	Α	72 00	8		k	023		17	0	1	X1	0 4			0019	
							WAT	ER	W	IND	BAR	~	AR TE	MF.		Ť	NO.			' '		•					
							COLOR	TRANS	OR.	SPEED	MET	ER	ORY	w	ET CO	25		S PE(ATIONS								
							COOE	(m)		POICE	(pe.b.	_	BULB	81,	_	4	- 1										
									1 7	505	13.	Z	311	26	1 7		14										
	MESSENG		CAI		DEPTH (m)	Ι.,	₽	5 .	,	SIGN		10	MCIPIC YOU	JME	₹Δ otn.	D	sou	но	02 ml/1	PO ₄ -	-P :	OTAL-P	HO3-N	HO3-H	SI Da~Si		3
	NR 1/11		TY	3	Ottin ant	1		′		316-10	· A = >	^	THOW VET-E	187	2 10		AEFO	CITY	O3 WOI	10.00		7\to - gs	ug - 01/1	μg = α∀1	μg = et/1	ρН	S C
		_	51	0	0000	2	318	366	9	231	8	c	04706	7	000	a	154	32		\top							-
	20	6	089		0000		819	3 e C		231		-					154			1	,				'		1.
			51		0010	21	674	3 € 2 :	2	237	4	0	04175	5	004	4	154	03									
			51	D	0020	2	560	363	4	241	9	0	03749	4	008	4	153	80									
	20	6	089	5	0027	2	498	364	21	244	4						153	68									
			51		0030		466	3041		245			003448		012		153										
			5.1		0050		4C7	366		249		0	003667	3	018	5	153										
	20	6	089		0053		396	3 t 7		249							153										
			5 1		0075		313	3 é 7 i		252			102787		025		153										
			51		0100		22€	367		254			02557		032		153										
			51		0125		147	3 € 7.		257			102351		038		153										
			5 1	-	0150	20	075	3 c 7		259	0	0	C2170	5	044	3	152	87									
	20	6	085		0156			367			_	_		_		_										-	
			51		0200		556	3661		261		G	C1 91 9	7	C 54	5	152										
	20	6	ORS		T0218		920	3666		262		_				_	152										
			5 1		0250		876	366		263			C1780		063		152										
	20		51 085		0300		913 799	365		264		U	01688	D	072	4	152										
	20	c	51		0400	1	144	364		204	- 5						152	34									
	20	4	DRS		0415	1	7640	363		264	60																
	20	0	51		0500		1040	3 t 2		204	24																
	20	6	oes		0518	17	51C	3621		206	. 7						152	0.8									
	20	· ·	51		0600		418	356		266							151										
	20	6	089		T0618		376	3581		268							151										
		_	51		0700		179	355		270							150										
	20	6	089		0722		128	3541		271							150										
			51		0800		954	352		2.72							150										
	20	6	089		0822		909	3520		272							150										
			51		0900		763	351		274							149										
			5.1	0	1000	0.0	518	350	7	276	0						149	24									
	20	6	089	5	1021	0	593	350	5.6	276	3						149	17									
			51		1100		541	350		276	9						149	09									
			SI		1200	0	488	3504		277							149	04									
	20	0	089		1269		+60	350		277							149										
			5.1		1300		449	35C		277							149										
			SI		1400		425	350		277							149										
			5 1		1500		414	350		278							149										
	20	6	ORS	•	T1510	0	414	3500	15	279	C						149	25									

Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

REFERENC		1				I	40.0		Т		_	ONG	W 4 7 0	000			MAX	_			T	Levene	1			
CTEV IS	SHIP	LATT	ru DE	LONGITUDE	SQ SQ	UARE	SIAT	ION TH	ME	YEAR	-		STAT		٦.	TO	DEFTH	04	SERVA	TIONS	WEA-	CLOUG		\$	HOOC MATION	
C004 N		1	1/10	1/19	10"	12	MO C	AT H	1/10				NUM			MOTTO	SMES	DBL	HGT	PER SE	CODE	ITPS AM	र्न	H	UMBEB	
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			5.1	D 0020	1 2	496	364		24	4 6	0	103468	35	007	9	153										
	2	38	0.85			2439	365		24							153										
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	2.	38	089				366								_											
			51			2327	366		25			02846		017		153										
			51			2228	366		25			02581		024		153										
			5.1			2141	366		25			102357		030		152										
	_		51			2067	366		25		0	02169	, 1	035	8	152										
	2.	38	089			2016	366		26					0.41		152										
			51			2006	366		26		U	02023	0	041	ī	152										
	2	38	089			1916	366		26		0	01845		050	,	152										
			51			1843	365		26			01728		059		152										
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	2	38	0.65			1558		90	26							151										
	_		51			485	359		26		0	0142	32	099	6	15	163									
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	2	38	089	0668	3	1005	353	116	27	21						150										
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	2	38	089			776	351		27								947									
			51			753	350		27		C	00789	96	131	8		944									
	2	38	089			0650)6¢	27								916									
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REFERENCE			E MAR	OEN	STATION TIN			ONGINAT] 0	DEPTH	DEPTH	001	WAVE		WEA-	CLOUD			1000	
CODE NO. CODE	LATTUDE					YEA	* }		TION WRER	60	10	OF		HGT PER		THER	TYPL AM			HOLIA	
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	5	TD 0030		499	3667	2466		0033055	0112		1536										
		TD 0050		353	3675	2512		0028711	0173	3	1534										
027	0.8		2	336	36758	2518					1533										
		TD 0075		311	3675	2524		0027657	0244		1533										
		LD 0100		263	3673	2531		0027074	0312		153										
		TD 0125		254	3672	2538		0026507	0379		1537										
		TO 0150		226	367C	2545		0025940	0445	5	1537										
027	0.6			216	36696	2548					1537										
		1D 0500		864	3649	2627		0016323	0555)	1523										
027	0.8			775	36425	2644			2		1521										
		TD 0250		657	3625	2655		0015366	0640		1517										
		TD 0300		521	3604	2675		0014005	0713	3	1514										
027	OA			471	35965	2680		0012406	0.04.7	,	1517										
		10 0400		338	3574	2691		0012685	0847	*	150										
027	0.0			285 160	35659 3549	2695		0011276	0966		1504										
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027		5 10540 10 0600		083 947	3524	2725		0005564	1071	1	1498										
027				857	35156	2733		0001304	1011		1499										
021		1D 07C0		771	3510	2741		0017988	1158	4	149										
027				699	35680	2750		0001100	1100		149										
021	U	2 10121	C	0 27	32030	6116															

Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

REFERENCE	1				L EL MA	ESDEN	STAT	OH TI	ME		T	ORGIN	ATOR		QEPTH		AX. PTH		AVE	WEA-	CLONO			ODC	
C187 10.	CODE	LATTU	Dŧ	LONGITUDE	(5.5)	UARE		ITMO		YEAR	CRUIS		STATIO		NOTTO:	(DF L		VATIONS	CDDE	CODES			MOITA BERNU	
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							Ļ	I C	30 7	12.	- 1-	. 12	-			ــــــــــــــــــــــــــــــــــــــ		-4				_			1.1
	ALBESTEN G	CAST HO.	CA TY	AD DEPTH	te i	7° T	s	٠/	SIG	T-AN	SPECE	MALT-3	JM-8 16 ⁷	# △ 0 DTH, M g 10 ³	. VE	LOCITY		mV1	PO4-P 96 + 01/I	707AL-P	HO2-N #8 - et/l	NO3-N V9 - et/I	\$10a=\$1 98 - 84/1	рН	ć
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				TC 025		1837 1762																			
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CTET IO.	COOE	LATTUDE	LONGI		SOU SOU		IG A			YEAR	Cauise		TATIO			TO M	OF				CD	ne L	TIPE AM	{		UMBER	
CODE HO.		1/10	-	*1/10	10*	1.		Y HR			HO.	_	_	<u> </u>	+-	_	Z.War.2	DR	HG.	PAB S	_	-	_			0023	
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						WAT	£à.	W	NO	BAR		AM TEA		- vrs		NO.	SPE		1								
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	HB 1/1	4 NO.	TPE				<u> </u>							2 10 ³	<u>, </u>		/		٦.	9 - 617.	7	-	74	pg - 001		-	4
		9	10	0000	2	782	3557	1	232	D	004	6812	2 0	0000)	154					1						
	0.8	7 06	s '	0000	2	782	3596	9	232							154											
		9	TO	0010	2	634	3558		236			223		044		153											
		2	FO	0020		498	3 c 0 0		241		CC3	80A3	3 (084	*	153											
	0.8	7 08	3 S	0025		435	36C2		243							153											
		9	10	0030	2	420	3609		243			5723		121		153											
		9		0050		368	3619		245	7	003	397	5 (0191	l	153	343										
	0.8	7 08		0050			3015																				
				0075		341	3639		248			1123		272		153											
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			0 1	0125		241	3666		253			6551		0416		153											
			T 0	0150		189	3 £ 72		255	7	CCS	4824	9 (0480	J	153	210										
	0 8			0152			3671			_							27										
	0.8			0196		090	3067		258					0598	,	152											
			TD	0200	_	079	3668		258			237	-	0703		152											
			510	0250		547	3664		261			950: 761		D796		152											
			510	0300		848	3658		263		001	101.)	0 1 3/0	,		246										
	0.8		35	0302		845	3658 3649		265		0.01	659	2	0967	7		234										
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	0.8			0405		744 555	3606		266		0.01	519	5	1126	5		186										
	0.0		510	0500		544	3604		267		001	129	-				183										
	0.8		9.5	0505		328	3571		269		0.01	325	А	1 268	R		125										
	0.0		510	0600		312	3568		269		001	123	0	. 200			121										
	8.0			0000		037	3531		271		001	083	0	1 388	B		036										
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	0.6	0	B.S. 1	10707	1	014	332	32	211																		

Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

REFERENCE					1	e 4	ARSD	PM [STAT	ON TI	IMI I		1	DBI	IN ATO) P3		DEPTE		MAIL		WAY		- W		CLOUO		-	NODC	1
CTW7 ID.	CODE	ιΑπτυ		LONGIT		3 S S	QUAI	RE	6	GMI		YEAR		RUISE	STAT	TION	┨,	10	l'	DEPTH		AVSSZ	TIONS	TH	ER	CODES		5	HOITAT	
CODE NO.		<u> </u>	1/18	<u> </u>	17/16	11	4	1.	WO 0	\rightarrow	$\overline{}$		+	ND.	HUA	ARER	\rightarrow	_	1,	MPLS	-	NG1	PEB 51	1^	\rightarrow	TIPE AMI	<u> </u>		UMBER	
311087	ΔI	2835	ON	0791	75W	0.8	0			8 1	21	196	7 4		13		D	1805	5		18	[o		X	1	6 6	1	- 1	0024	
							-	WAT	_	٧	SINE	_ BA	RO-		TEMP.	_	VII.	NO.		SPEC	.W.L									
							C	OLOR	TRANS.	Det.	PORC	100	TER hal	DRY	· ·	V ET ULB	CODE	DEPTH		DSERVA	ATIONS									
										18	507	17	25	283	2	56	7	09	Т]								
	MESSENG TIME HB 1/1	M NO.	CAT		DEPTH (#	11	r	t	s	٠/	siG	MA-T	5	PERFIC VI	OLUME #187	₹ DY	△ ¤.	SI VE	DUN	D	D3 mL		14-P - 01/I	TOTAL FE - 0		NO3-N ug - at/l	NO ₃ -N µ3 - at/I	\$1 D4~\$i		100
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			51		0160				365																					
			51		0125				366																					
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			S 1		0200				367	C																				
	12	1	DBS		0208		19		366		26								526											
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	12	1	085		0400		17		364			50							524											
	12	ı	51		0500		16		361			66							520											
	12	1	085		0517		15		361			69							519											
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REFER	ENCE					L E MA	ISDEN	STATION	TIME		7	D10	GINATI	DR'S	Т	DEPTH	MAX	T	w.	AVE	T,	WEA-	CLDUD		T	HOOC	1
CITY	10,	CODE	LATTUD	E U		10 PG	JARE	1GA	ITI	TTAR		UISE		TION	╗	TO SOTTOM	DEPTH	1	942587	/A TION	\$ 1	HER	CDDES			STATION	
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		1710	1	STO	0000	1 2	843	3605	2:	107	C	0481	15	0.00		154	437		\neg		1					1	
		139	,' ',	085	0000		843	3605		0.7	10	0.00		100	20		437		- 1		1	- 1			1	'	
				510	0010		788	3606		125	C	0463	53	00	47	15	427										
				510	0020) 2	735	3608	23	44	0	C446	38	000	92	15	417										
		139)	085	0026			3608	3																		
				5 T O	00.30		683	3609		162		0429		01			407										
				510	0050		582	3614		197	0	C397	00	0.2	19	15:	388										
		139	+	085	0050			3614																			
				510	007		465	364C		53		0344		03			368										
				510	010		355	3659		00		0300		03			348										
		139	,	5 T D	012		254	3672 3676		39	U	0264	78	0 4	0 3	10	328										
		137	,	5 T O	015		161	3675		668	0	0238	111	05	26	15	309										
		139	1	085	10191		2007	3669		05		0230		0,0	20		276										
		1,77	_	510	0200		2002	3669		06	0	02 03	20	06	36		274										
				510	0250		882	3662		32		0180		07			249										
		139)	085	029		754	3653		43						15.	229										
				510	0300) 1	786	3652	26	49	0	0165	86	0.8	19	15.	228										
		139)	085	T038	9]	633	3625	1 26	:65							194										
				SIO	0400) 1	599	3618	26	68	0	0150	16	09	77		185										
		139)	085	048		339	3570		88							110										
				510	050		.280	3560		92	0	0127	92	11	16		091										
		139		085	05 7		036	3524		710							015										
		1 39)	088	1059	7 (992	3519	7 2	71 4						150	001										

Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

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	IENCE	SNIP	LATITU	DF	LONGITUDE	100	MAR:	ARE	STA	TION	TIME	YEAR	L		GINA'	_			EPTH CD	DEPTH		W	AVE	2MC	WEA		CODE			NDDC
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				ST			1 9	943	36	56	261	2	00	195	554	0	1530		152	49										
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TABLE XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.

REFERENCE SNIP		LONGITUOE NO.	MARSOEN SOUARE	STATION TI	YEAR	ORIGINATO	ION .	DEPTN TO SOTTOM	MAX, OEPTN OF	OBSE	PAVE IVATIONS	WEA- THER COOR	CLOUG		NO STA MILE	DOC LTION MELP
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007	08S	0045	2141	36784 3678	2576 2580	0022273	0164	152	87							
007	085	0067	2057	36732	2595			152	68							
007	085	0089	2007 1937	3668 36613	2604	0020042	0217	152	38							
	5T(0125	1914 1873	3660 3658	2622	0018386	0265	152	25							
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	511 510		1809 1787	3653 3650	2644 2647	0016871	0524	152								
007	085 510	0355	1760 1746	36459 3643	2651 2652	0016607	0775	152 152								
007	085 510	0444	1710 1632	36364 3621	2655 2662	0015878	0938	152	28							
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007	08S 510	1136	0526 0493	35053 3505	2771 2774	0005022	1584	149								
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SAIT 10. COOF COO	2835 N CARC NO. 1776	07125 w 07125	2571 2571 2574 2548 2548 2377	MÖ DAY - MÖ DAY	R1/10 060 1968 VINO 844 SHIED MET MET MET MET MET MET MET MET MET MET	CRUISE 51A NU 3 A 73 00 2 CO 100- AR 1EMP 18 ORY 18 ORY 15	710N MBER VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	50 2 9 NO. OBS. OEFTNS 14 SOI VELO	380 380 380 379 379	OIS OIR 16	RVATIONS NGT PER 3	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
311273 55 MITHING 100 COOE MITHING 100 COOE 060 060	2835 N CAST CAST NO. 1778 ST OBS ST OBS ST OBS	07125 W 07125	SOUVARE 10° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1°	GGA1 GG	THAT THAT THAT THAT THAT THAT THAT THAT	CRUISE 51A NO 2 NO 2 NO 2 NO 2 NO 2 NO 2 NO 2 NO	TION MABER VILLE VILLE VILLE CODIN. M. M. J. 10 ³ 0000 0037	10 80110M 50 29 NO. OBS. OFFINS 14 SOLVELO 15 15 15 15 15 15 15 15 15 15 15 15 15	380 380 380 379 379 379 379	OIS OIR 16	RVATIONS NGT PER 3	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
311273 55 311273 55 311273 55 3	CAST CASS N CASS	07125 W 07125	2571 2571 2573 2573 2573 2573 2573 2573 2573 2573	GAT1 GAT1	RIVIO 1968 196	CRUSE 51A MORE 100 2 100	TION WET COOK WET COO	50 29 NO. 085. 06871NS 114 SOUTH 15 15 15 15 15 15 15 15 15 15 15 15 15	380 380 380 379 341 250 225 224	OIS OIR 16	RVATIONS NGT PER 3	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
311273 55 MITHING 100 COOE MITHING 100 COOE 060 060	CAST CAST N CAST	07125 W 07125 W 07125 W 07125 W 07125 W 07120 07	100 100	GAT1 GAT1	TAS TAS TAS TAS TAS TAS TAS TAS TAS TAS	EQUISI 574. EQUISION OF THE PROPERTY OF THE P	710N M881R 10 VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	50 2 9 NO. OBS. OFFINS 14 SOIL VELO 15 15 15 15 15 15 15 15 15 15 15 15 15	380 380 380 379 341 252 250 225 219	OIS OIR 16	RVATIONS NGT PER 3	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
311273 55 311273 55 311273 55 3	CAST CASS N CASS	07125 W 07125	100 100	MO OAT OAT	TAS TAS TAS TAS TAS TAS TAS TAS TAS TAS	CRUSTS STATE CRUSTS CRUSTS STATE CRUSTS STATE CRUSTS STATE CRUSTS STATE CRUSTS CRUSTS STATE CRUSTS CRUSTS STATE CRUSTS CRUSTS STATE CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRU	710N M88R VIII. VI	50.29 NO. OBS. OBFINS 14 SOIL OF SOIL	380 380 379 341 252 225 224 219 219	OIS OIR 16	RVATIONS NGT PER 3	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
SAIT COOP	CAST CASAS N C	07125 W 07125	100 At 10	GAN1 GAN1	R1/10 1968	EQUISI 574. EQUISION OF THE PROPERTY OF THE P	710N M881R 10 VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	5029 NO. OBS. 14 SOUTH NO. OBS. 15 15 15 15 15 15 15 15 15 15 15 15 15	380 380 380 379 379 341 225 225 225 2219 219	OIS OIR 16	RVATIONS NGT PER 3	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
SAIT 10	CAST CASAS N C	07125 W 07125	100 At 15" 1	GAN1 GAN1	TAS TAS TAS TAS TAS TAS TAS TAS TAS TAS	CRUSTS STATE CRUSTS CRUSTS STATE CRUSTS STATE CRUSTS STATE CRUSTS STATE CRUSTS CRUSTS STATE CRUSTS CRUSTS STATE CRUSTS CRUSTS STATE CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRUSTS CRU	710N M88R VIII. VI	5029 NO. OBS. 14 SOCIETANS 15 15 15 15 15 15 15 1	OFFINAL 15 SPECO STANK 15 SPECO	OIS OIR 16	RVATIONS NGT PER 3	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
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SAIT SAIT	CAST CASS N CASS N CAST N CASS N	07125 W 07125	100 At 1	GM1 GM1	TATE TATE TOTAL TATE TOTAL	CRUISE STATE CRUISE CRUISE STATE CRUISE STATE CRUISE CRUISE CRUISE STATE CRUISE CR	710mmbts 710	5029 NC. OFFINS 14 SOLUTION 15 15 15 15 15 15 15 15 15 15 15 15 15	380 380 380 380 380 379 341 252 229 219 2219 2219 2219 2219 2219 2	OIS OIR 16	PO4=F	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
M13HMCa M15HMCa M15H	CANT CANAL C	07125 W 07125 W 0 0000 0 0000 0 0000 0 0020 0 0020 0 0030 0 0072 0 0075 0 0100 0 0125 0 0145 0 0150 0 0125 0 0150 0 0250 0 0300 0 0250 0 0300 0 0300 0 0476 0 0476 0 0500	100 At 1	MC COAT MC COAT MC COAT MC COAT MC COAT MC MC MC MC MC MC MC	TAN TAN TAN TAN TAN TAN TAN TAN TAN TAN	CBUSH 574. CBUSH	0000 0037 0074 0107 0158 0207 0251 0294 0397 0422 0506 0592	5029 No. of the control of the contr	380 380 380 380 322 225 225 2219 2219 2219 2219 2219 2219	OIS OIR 16	PO4=F	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
SAIT SAIT	CAN CANADA CANAD	07125 W 07125 W 0000 0000 0000 0000 0000 00020 00040 0009 00072 00075 00060 00100 01125 0145 0145 0145 0145 0145 0145 0145 014	100 10 10 10 10 10 10 1	MC GATI MC GATI O6 24 1 118	TAN TAN TAN TAN TAN TAN TAN TAN TAN TAN	CBUSH 574. CBUSH	100 Met 1 100 Me	5029 No. 085. 085. 14 S0010M 15 15 15 15 15 15 15 15 15 15 15 15 15	380 380 380 380 380 322 225 225 225 221 221 222 221 222 222 2	OIS OIR 16	PO4=F	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
M13HMCa M15HMCa M15H	CAST CASS N CASS	07125 W 07125 W 0000 0000 0000 0000 0000 0000 0000	100 10 10 10 10 10 10 1	MC COAT MC COA	TAN TAN TAN TAN TAN TAN TAN TAN TAN TAN	CBUSH 574. CBUSH	100 Meter 1 100 Me	50299 NO. 085. 0695. 0695. 0695. 0695. 0695. 155. 155. 155. 155. 155. 155. 155. 1	380 380 380 380 379 341 252 224 225 2219 2219 2219 2219 2219 2219 2219	OIS OIR 16	PO4=F	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
MINIMO SHIP COOF	CANT CANAS N	07125 W 07125 W 0000 0000 0000 0000 0000 0000 0000	100 At 15 15 17 16 16 16 16 16 16 16	MO COATI OR	TAN TAN TAN TAN TAN TAN TAN TAN TAN TAN	CBUSH 574. CBUSH	100 Meter 1 100 Me	50 29 9 No. 065 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	380 3380 3380 3379 341 252 225 2219 2219 2219 2219 2219 2219	OIS OIR 16	PO4=F	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
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SAIT SAIT	CAST CASS N CASS N CAST N CASS N CAST N CASS N CAST N CASS N	07125 W 07125	100 At 15	MO COAT MO COA	TAN TAN TAN TAN TAN TAN TAN TAN TAN TAN	CRUST STATE	1300 meter 1200	50 29 No. 015 14 Store 14 Store 15 15 15 15 15 15 15 15 15 15 15 15 15	380 380 380 3380 3380 329 225 221 225 221 221 221 221 222 221 222 221 222 221 222 221 222 221 222 221 222 221 222 223 224 227 227 227 227 227 227 227 227 227	OIS OIR 16	RVATIONS NGT PER 3	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
MINIMO SHIP COOF	CAST CASS N CASS N CAST N CASS N	0.000 0.000	100 10 10 10 10 10 10 1	MC OAT MC	2418 2418 2418 2418 2418 2424 2434 2434 2437 2487 2597 2624 2622 2633 2637 2639 2649 2666 2667 2667 2712 2734 2752 2768 2778	CRUST STATE	100 meter 1 consistency 1 cons	50 2 9 No. 015 15 15 15 15 15 15 15 15 15 15 15 15 1	OFFICE O	OIS OIR 16	RVATIONS NGT PER 3	TNES COOK	6 5	NO3-N	St O ₄ ~Si	0022
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Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24–26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE	1				T = 1 .	AARSOEH	F7 - F10 - 1			T -	2015111	A1OR'S			MAX.	1				1 -			
CTET IO.	CODE	LATITUDE	: .	ONGITUOE	MOCT	SOUARE	STATION TI	ME	YEAR	CRUISE	_	TATION		OEPTH	DEPTH	01	SERVA T	ions	THER	CLOUC			NODC
COOE NO.	COOL	1.	/10	1/10	3 3	10° 1°	MO OAY H	R.1/10		NO.		UMBER		BOTTOM	S'MPL'S	DIL	HGT F	16 314	1 0000	TYPE A M	3		UMBER
311273	3 55	2835	N O	7236 W	0	80 82	06 24 1	09	1968	A73	00	3		4554	14	20		1	x 2	7 8			0023
	,				, ,-	WA		IND	BAR	-	IR TEA		Τ.	NO.			ì''	1 *	1	1 . 10	1	- 1	000
						COLOR	TRANS. OIR.	SPEED	MET	ER C	TRO	WET	CODI	OBS.	ORSERV	A TIONS							
						COOE	(M)	FORC	E jwp	a) Di	ULB	BULB	_	OEPTHS			Į						
							19	509	20	7 2	63	247	7	14									
	MESSING		CARO	Drave	[7 °C				SPECIFIC	YOLU	HE Z	A D	SOL	INO		PO	4-9	101A L-P	NO2-N	NO3-N	51.04-51	
	TIME H.R. 1/10	NO.	TYPE	DEPTH	nu1	, ,	5 %.	210	MA-T	ANDM		וס ויו	10 ³	VELC	CITT	02 ml/	×9 -		μg - α1/1	µg - 01/1	μg - 01/1	ug - 01/1	þН
		+		+-				1						+	-	-	+-	-+		-			
	1	1 1	510	0000	D ,	2583	3610	23	93	003	9831	5 01	000	75	380		-	- 1		l	l	l .	I
	109	, (085	000		2583	36095	23		000		, ,			380								
			STD	0010	0	2568	3610	23		003	9429	5 00	040		378								
			510	0020	3	2553	3609	24		003			79		376								
	109) (085	002	1	2551	36094	24	03						376								
			5T0	0030		2340	3635	24	86	003	112	1 0	114	15	330								
	109) (085	0044	4	2108	36590	25	70					15.	276								
			510	0050		2069	3659	25		002	217	1 0	167	15	267								
	109) (285	0066		1984	36599	26							247								
			510	007		1951	3658	26		001	935	7 0	219										
	109) (DBS	0088		1914	36556	26							230								
			510	0100		1905	3657	26		001			266										
	100	. ,	STO	0125		1888	3660	26		001	783	7 0.	312	157									
	109	, (085 STD	0137		1884	36602 3660	26 26		001	7000		356	157									
	109		285	TO17		1861	36587	26		001	/58:	, 0.	250	157									
	101	,	510	0200		1854	3658	26		001	74.2	2 04	443	157									
			STD	0250		1838	3656	26		001			30	15									
			510	0300		1822	3655	26		001			517	15									
	109) (085	T035		1805	36527	26		001				15									
			510	0400		1741	3651	26		001	591	1 0	783	15									
	109	. (085	0445		1698																	
			STO	0500		1698	3639	26	60	001	6100	0 0	943	15	234								
	109	(085	T 0 5 3 8	9	1677	36313	26	59						233								
			510	0600		1567	3610	26	69	001	5518	3 1	101	15	207								
			510	0700		1375	3578	26		001	397	4 17	248	15									
	109	(285	0726		1322	35704	26							144								
			STD	080		1139	3547	27		001			377	150									
			570	0900		0928	3523	27		0009	9933	3 14	85	150									
	109		085	0919		0900	35203	27			007		. 7.	150									
			STO	1000		0760	3513	27		0000			76	149									
	100		STD	1100		0630	3507	27		0000	5686	10	549	149									
	109		085	1155		0575	35047	27		0001	560	. ,	7 7 7	149									
			STO	1200		0538	3504 3503	27		000			711 765	149									
	109		ST0	1300 T1394		0466	35023	27		000	2126	2 1	(0)	149									
	109		205	11390	•	V#00	22023	21	13					14	761								

REFERENCE SHIP	LATITUO	E LO	DINGITUDE 100	MARS SQU			OH TIN		AR ,	ORIGI	NATOR'S STATION	\exists	DEPTH	MAR. DEPTH	08	V A V		WEA-	CLOUG			NOOC
DE NO. COOE	•	1/10	· '1/10 0 Z	10"	3 50	MO D	AY HR.	1/10	ľ	NO.	NUMBER		NOTTOM	S'MPL'S	Orl.	NGT	PPR SIA	CODE	ITPL AV	1	- 1	NUMBER
311273 55	2835	N 0	7346 W	080					968	A73 00		\Box	4517	15	25	П	1	x 2	6 8			0024
					COLOR	-		1910	BARO-	_	WET	VIS.	NO.	SPEC OBSERV	TIONS							
					C008	(m)	_	FOICE	Imbal	BULS	BULB	-	OFFIRS.									
			T	$\overline{}$		<u> </u>	23	509	220	268	254	_	14	-		Ļ						
MESSENGE TIME (He 1/10	CAST NO.	CARO	OEPTH (m)	ī	7	s	٠/٠.	SIGMA	-1	ANDMALT-	D	∆ D tN. M x 10 ³	AEF0 200		02 mi/			OTA L=P #8 * 01/1	NOZ-N	NO3-N NS- 41/1	51 Qa-5 µg - 01/	
1				1		1	_				,		1				j					
		STO	0000		540	361		2412		00380	32 0	000	153									
156		085	0000		540	361		2412		00275	. 1 0	038	153									
		STD	0010 0020		526 476	361 362		2418		003756		0.75		359								
156		085	0020		437	362		2446		003000	- 0	0,0		351								
126		510	0030		350	363		2479		003176	51 0	109		332								
		510	0050		99	365		2571		002310		163		274								
156		085	0051		90	365		2574		002310		- 0 5		272								
150		510	0075		200	366		2600		002045	50 0	218	152									
156		085	0076		999	366		2601					152									
		510	0100		946	366		2616		001904	9 0	267	157									
156		085	0101		944	366	-	2616					152									
		510	0125	_	920	366		2622		001850	1 0	314	152									
		STD	0150	1.0	997	366	2	2628	3	001803	39 0	360	152	2 3 6								
156		085	0152	2.1	995	366	15	2629)				152	236								
		510	0200	14	B53	365	8	2637	7	001739	96 0	448	157	232								
156		085	0203	1.	351	365	76	2637	?				152	232								
		STD	0250	1	926	365	5	2641		001713	35 0	535	157	232								
		STO	0300	1	797	365	1	2645	,	001690	1 0	620	152	231								
		STO	0400	1	733	364	2	2654		001637	73 0	786	152	228								
156		085	T0405	1	730	364	11	2654					152	228								
		510	0500	10	565	362	9	2660)	001609	7 0	948	152	223								
156		OBS	0507	10	557	362	76	2661					157	155								
		510	0600	14	497	359		2676	5	001476	9 1	102	151									
156		085	T0607	14	484	359		2677						0.0								
		510	0700		285	356		2695		001300		241		127								
		510	0800		080	353		2713		001126	51 1	163		069								
156		085	0812		056	353		2716						162								
		STO	0900		885	351		2731		000949		466	150									
		5 T D	1000		700	350		2749		000769	9 1	552	149									
156		085	T1009		584	350		2750						951								
156		*5TD	12690		495	350		2772		000531		727		951								
156		*STD	15200	0	430	350	06	2778	3	000482	24 1	854	149	951								

Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24–26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE CIEV 10.	SHIP	LATITUD		ONGITUDE	NDC FE	MAR	ARE		M (1)		YE	All	Cauisi		TATION		10 10 10	OF	H 0	B S E B	A VE VA TIONS	114	EA-	CLOUG		5	HODC	
COOR NO.	\sqcup		1/19	1/10	-	10*	10	MO D	AY H	R.1/10	_		NO.	-	UMBE		401101	M S'MPI	'S Dik	H	of real se	A	,01	TFE AM	7	- ^	UMBER	
311273	55	2835	N O	7455 W		080	84	06 2	4 2	206	19	68	A73	00	5		4682	2 1	4 20			i x	2	6 8	1		0025	
							WAI	ER	٧	UNIV		BARC	۰ ا	AIR TEA	UP. C	VIS	NO.	12	ECIAL	7								
							COLOR	TRANS.	OIR.	OR FORCE	- 1	AL ETE		ORY FUL!	WET	coo	OES. DEPTH	OUSE	VATION!	3								
									19	508		210	0 2	73	252		14	+		1								
									-	-					<u> </u>	E A P	٠,			┸┰			$\overline{}$					
	MESSENGS TIME	P NO.	CARD	DEPTH I	(m)	1	°C	5 *	/	SIG	MA.	-1	AMDA	C VOLU	ME i	YN. N	\ \ \S	LOCITY	02 ml	n	PO4=P yg = 01/I	TOTAL		HQ2-N ug - 01/1	NO ₃ -N	\$1 O4-\$1 #0 - 01/1	pN	ć
	HE 1/10	1		+				<u> </u>		-		_			+	1 JO ₂			-	\dashv	pg - 01//1	77.0		9g - 0())	Ø∰ - B1/1	pg - 41/1		19
	į									1		İ															1	
			570	0000			637	360			76		004	148	6 (0000		392										
	206	5	0B5	0000			637	360			76							392										
			STD	0010			613	360			84			079		0041		388										
	20		510	002			590 580	361			91		004	011	0 (002		383										
	206		OB5 5TD	002			477	362			39		002	559	0 (119		362										
	206		OBS	004			245	366			34		00,	,,,,	•	,		312										
	200	,	510	005			240	366			35		002	652	2 (182		311										
	206		OBS	007			155	365			58		002					293										
	200	,	510	007			149	366			60		002	422	9 (245		5292										
	206	5	OBS	009		2	104	366	75	25	76						15	5285										
			510	010	0	2	092	366	7	25	80		002	239	4 (303	15	5282										
			510	012	5		027	366			98		002	081	0 (357		5269										
	206	5	085	014	4		985	366			08							5260										
			STD	015			975	366			10		001	972	7 (408		258										
	206	5	085	T019			913	366			25							5248										
			510	020			906	366			26			840		503		5247										
			510	0250			867	365			34			784		594		5244										
			STO	030			830	365			40		001	740	6 (682		241										
	206	5	OB5 STD	T036			781 768	364			48		001	683	9 (853		5239										
	206		085	046			718	363			55		001	.00,	′ `	, - , ,		233										
	200	,	510	050			672	363			60		001	614	6 1	018		5225										
	206	5	OBS	T 05 5			593	361			67							5207										
			510	0600		1	466	359	3	26	78		001	453	2	172	15	173										
			STO	070	0	1	220	355	6	27	00		001	244	0 1	306	15	5103										
	206	5	OBS	072	4	1	163	354			05							5087										
			STD	080	0		970	352			23		001	016	5 1	419		028										
	206	5	0B5	1089			783	350			39							971										
			STO	090			772	350			41			839		512		869										
			510	1000			654	350			56			689		589		938										
			510	110			563	350			65		000	1594	2	653		4918										
	206	5	085	113			540	350			768		000	525	1 .	709		4914										
			5 T O	120			499 462	350 350			76			1222		760		4910										
	201		085	T138			462 453	350			76		000	773	۷ .	,,,,,		4920										
	206	9	000	1138	,	0	4))	300	10	2 (10							7.20										

																_	,					-			
REFERENCE	SHIP			-	E MAR	SDEN	STATIO	N TIA				ONGIN	ATOR'		DEPTH	DEPT		WAV		WEA-	CLOUD			HODE	
CODE NO.	CODE	LATITU		LONGITUDE	7	ARE		AA TI		EAR	CRUIS		STATIO	N	TO BOTTON	. OF	1 00	SERVA.		CODE	COUS			HOITATE	
CODE NO.			1/10	1/10	10*	1,	MO DA	AY HR	L1/10		ND	+	NUMBI		401104	A S'MPL	'S DIR	HGT P	E0 56.	1 0000	MA 1977	1	-	- Umetr	1
31127	3 55	2835	N C	7529 W	080	85	06 2	4 2	34 1	968	A7	3 00	6		4755	19	22		1 3	L X2	6 8			0026	l
		2000				WA			IH O	BARG			MP, °C	1	NO.	1	FCIAL								
						COLOS	TRANS.	OIR.	14110	METE	R	DRT	WET		OBS.	01110	VATIONS								
						COOF	(m)		FORCE	(m) a	LÍ .	BULE	INT	<u> </u>	DEFIN										
								20	508	20	0	262	25	7 7	14										
	MESSENGE			T			т-		T					₹ △ 0	10	LIME .		T							
	THAE	NO.	CARD	DEPTH (m) 1	℃	s.	/	SIGMA	A-7	ANO	IC VOLL		X 103		OCITY	O 2 m1/1		4-P - 61/1	101A L-P	NO2-N va - m/3	NO3-H	Si Oa-		C
	HR 1/10	-								-	_		\rightarrow	X 10°					-			-		-	-11
										- 1			1					-							
	•		STO	0000	2	611	361	2	238	6	00	4050	14	0000		386									
	234	4	OBS	0000	2	611	361	18	238	6						386									
			510			576	361		240			3927		0040		380									
			510	0020		532	362		241		0.0	3765	6	0078		372									
	234	4	085	0025		506	362		242							368									
			5T0			469	362		244			3521		0115		360									
			510	0050	2	340	364	8	249	6	0.0	3026	4	0180		335									
	234	4	0B5	0051		334	364		249							333									
			STO			220	366		254		00	2612	1	0251		310									
	234	4	OBS	0075		220	366		254							310									
			STE			160	366		256		00	2427	1	0314		300									
	234	4	0B5	0100		160	366		256							300									
			510			090	366		258			2236		0372		286									
			510			030	366		259		00	2090	7	0426		274									
	23	4	085	0151		028	366		259							273									
			510			941	366		261		00	1910	7	0526		257									
	234	4	OB5	0202		938	366		261							257									
			510			883	365		262			1830		0620		248									
			5 T C			812	364		264		-	1740		0709		235									
			511			626	362		266		00	1535	2	0873		193									
	23	4	OBS	T0403		620	362		266							192									
			5T			383	358		268		00	1336	6	1016		128									
	234	4	085	0502		379	358		268							127									
			510			209	355		270		00	1197	6	1143		083									
	234	4	085	T0606		198	355		270							080									
			510			960	352		272			0978		1252		800									
			ST			764	350		274		0.0	0809	6	1341		948									
	23	4	085	0802		761	350		274							947									
			510			627	350		275			0637		1414		911									
			510			549	350		276		00	0556	5	1473		896									
	234		085	T1001		549	350		276		0.0	0 / 0 0		160		896									
	23		* 5 T C			455	350		277			0483		1604		896									
	23	4	*5T(1498	0	435	350	0.6	277	I	00	0487	1	1724	14	896									

Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24–26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

PEFERENCE				-	1 - 85050	T (21200) 0		1		MA MA								
CTRY 10.	COOE	LATITUDE	LO	NGITUDE BE	SOUARE	STATION T	TEAR	ORIGINA1		OEPTH OEPT	H OF	WAVE SERVATIONS	WEA	CLOUT			NOOC	
CODE NO.	COOE	1/10		* '1/10 PE	10° 1°	MO DAY IN	1		TION MBER	MOTTOM STATE		HGT FEET SE			1		MOITAT	
311273	55	2835 N	0.7	606 W					-			HOT YEE SE	-	TIPL AN	1	-		
1 311213	1 20 1	2033 N	101	DOP WI			023 1968	3 A 7 3 00 7	- I	4846 1	5 21	, 1 1 1	1 X2	6 8	1	- 1	0027	
							PA PA	FO-	VIS.		ECIAL							
					COO	E TRANS OIR.	PORCE (m)		WET COOL	DEPTHS OBSE	EVA TIONS							
						19	507 20	00 264	251 7	14								
						1 0 7	30, 20	204	- 21 1	14	,	<u> </u>						
	MESSENGE DALL	CAST CA	IND IPE	OEPTN (m)	7 %	s ·/	SIGMA-T	SHCING ADTONE	₹ △ O	ONUO2	O2 m1/1	PO4-P	101AL-P	NO2-N	NO3-N	SI O4-SI		5
	HB 1/10	نكر النتاة	**			_		ANOMALT-ETE!	I 103	AEFOCILA	02	µg = α1/1	×8 + €1/7	μη = et/l	¥g - 01/₹	ug - at/[pH	5
												1					_	$^{\rm H}$
	,	5	TD	0000	2565	3605	2395	0039625	0000	15375				1		I	l	11
	023	0.8		0000	2565	36050	2395	003,023	0000	15375								
		S	TD	0010	2530		2409	0038405	0039									
		5	TO	0020	2473	3611	2428	0036564	0076	2.5-								
	023	08	5	0023	2451	36123	2436			15353								
		5	TO	0030	2359	3630	2477	0032013	0111	15334								
	023	08	5	0048	2189	36604	2549			15298								
		5	TD	0050	2180	3661	2552	0024957	0168	15296								
	023	0.8	S	0071	2108	36653	2575			15281								
		5	TO.	0075	2101	3666	2577	0022606	0227	15280								
	023	08	5	0095	2063	36679	2589			15274								
		5	TD	0100	2050	3668	2592	0021270	0282	15271								
			TD	0125	1992	3666	2606	0020013	0334	15259								
	023	08	5	0143	1957	36644	2615			15252								
		5	TO.	0150	1947	3664	2617	0019097	0383	15251								
	023	08		10191	1893	36602	2628			15242								
			TD	0200	1887	3660	2629	0018081	0475	15242								
			ΤD	0250	1853	3658	2637	0017572	0565	15240								
			TO	0300	1816	3654	2643	0017140	0651	15237								
	023	08		10384	1746	36434	2652			15229								
			TO	0400	1738	3642	2653	0016490	0820	15229								
	023	08		0484	1650	36256	2661			15215								
	0.2		TO	0500	1618	3620	2665	0015633	0980	15207								
	023	08		T0582	1447	35910	2681			15164								
			TD	0600	1398	3583	2685	0013814	1127	15150								
	0.2.5		TD	0700	1147	3547	2707	0011694	1255	15077								
	023	08.		0778	0976	35266	2722			15026								
			TD.	0000	0930	3523	2727	0009768	1362	15013								
	023		TD	0900	0748	3511	2746	0007869	1450	14959								
	023	08	5 TO	T0975	0642	35046	2755		26.20	14929								
			TD	1000	0621	3504	2758	0006635	1523	14925								
			10	1100	0546	3503	2767	0005778	1585	14911								
	023	08		1240	0488	3502	2773	0005175	1640	14904								
	023		TD		0470	35016	2774			14903								
				1300	0448	3501	2776	0004819	1690	14904								
			TO TD	1400 1500	0425	3500	2778	0004685	1737	14911								
	023	085				3499	2778	0004787	1785	14926								
	023	083	3	T1501	0420	34985	2777			14926								

Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24–26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

							_		T				_	-				-		MAK					_				1
REFER		SHIP	LATITU	DF	LONG	SITUDE	P S	MAR	ARE	STAT	GMT)	IME	78.4		CRUISE	RIGINA	ATION		DEPTN	DEPTH	085	WAY.		WEA	CDDES			HODE	
CODE	ID.	CODE	•	1/10		1/10	10 5	10*	10	MOTE	AY	HR_1/10			ND.		JMBER		BOTTOM	S'MPL"			16 21				N	UMRER	
-		5.6	2006		0.7/		1	000	0.	011		066	10		A73	000			27/2	15	2.0					-		0030	
1 311	273	55	2835	N I	076	40 W	1	1080	86			055 WIND	19		1	008 R TEM		_	2743			1	[]	1 X2	6 8	1	- 1	0028	
									COLOS	T	-	1965		BARO METER		_	WET	COOL	NO, DBS.	SPE	CIAL								
									CDDE	tm)	DIR	08 FD80		imbal			BULE		DEFFHS	CAZERA	A HONS								
											16	510	$\overline{}$	203	3 25	8	252	7	14										
					Т		_	_		1		1020					_	_	<u> </u>	1		T-							\neg
		MESSENGI YIMB	CAST NO.	CAT		DEPTN	Lm 1	1	℃	5	٠/	\$10	MA-	-1	SPECIFIC ANDMA		ילם לי	A. D.	SDL	DCITY	02 ml/l		4-P - 01/I	TOTAL-P		NO3-N	\$1 0 a - \$1	aN	000
		HR 1/10			`			ļ.,						_			1 1	103	1 1000	-		""	* 41/1	PB + 01/1	νg - οι/ί	µg - 01/	µg - a1/1		c
										-				- 1					1						Ì				
				S'	TO .	000	0	2	640	359	8	23	366		0042	396	00	000	15	391									
		055	5	OB:	5	000	0	2	640	359	76	23	66						15	391									
				5	TO	001	0		5 78	361	.7		01		0039			41		381									
					TO	002			507	363			434		0035	989	00	78		368									
		059	5	08		002			476	363			448							362									
				5		003			407	364			•72		0032			13		347									
				5.		005			242	365			531		0026	894	0.1	72		311									
		05		089		005			242	365			31							311									
		059	5	089		007			180	366			556							301									
					ТО	007			179	366			556		0024	031	0.4	36		300									
		059	,	085		009			146	367			68							296									
					TO	010			144	367			69		0023			97		296									
		0.00		5		012			103	367			0.86		0022	203	0.	54		289									
		059	2	085		014			070	367			90		00 21	707	0.4	09		285 285									
		0.0			TD	015			069		-				0021	1103	0-	09											
		059	,	089	3 TO	019			019	366			502		0020	4 70		15		279 279									
				5.		025			948	366			517		0019			15		267									
					10	030			887	366			529		0018			10		258									
		059	5	08		1039			791	365			546		0010	, , , ,		10		245									
		0 5	,		TD	040			790	365			546		0017	7148	0.6	88		246									
		05	5	089		049			726	363			554							241									
		0,5		5		050			721	363			554		0016	711	. 10	57		240									
		0.5	5	08:		059			605	361			566							218									
				5	TO	060	0	1	593	361	15	26	567		0015	741	. 12	20	15	215									
				S	TO.	070	0	1	388	358	0	26	585		0014	101	. 13	69	15	163									
		05	5	08:	S	079	2	1	176	355	14	2	705						15	103									
				S	TD	080	0	1	149	354	8	2	708		0011	898	1 14	99	15	094									
				S	TO	090	0	0	851	351	18	2	736		0009	00 2	16	03	14	999									
		05	5	083		T098			667	350			749							940									
					TO	100			648	350			752		0007			85		935									
					TO	110			551	350			764		0006			151		913									
					TO	120			478	350			773		0005	128	1 1	107		900									
		05	5	08		124			456	350			775				, ,			897									
					TO.	130			430	350			778		0004			156		896									
					то	140			406	349			779		0004	508	19	01		903									
		0.5	5	08	5	T149	U	0	406	349	1 8	2	779						14	918									

EFERE	ID. ND.	\$HIP CDDE	LATITU	DE LC	NGITUDE SOUTH	MARSDEN SOUARE	STATION THE	YEAR		ATION	DEPTH DEPT TO DF	N DE	WAVE SHOITAVESS	WEA- THER CODE	CLDUD CODES		5	NODC TATION UMBE#	
111	273	55	2835	N O	7715 W	080 87	06 25 0	86 1968	A73 009	. :	1024 10	20	1 1 1	1 X 2	7 8	İ		0029	
		000				WAI		IND BAR	A IR TEAL	7 7	440		1 ' '	- ,					
						COLOR	TRANS DIL	INTO METE	R DRY	WET CODE		ECIAL VATIONS							
						CODE	(m) U.C.	POICE [mbs	1 8016	BULB	DEFINS								
							18	509 18	6 271	257 6	13								
	- 1	MISSINGI FIMI HR 1/10	M NO.	CARD TFPE	DEPTH (m)	1 2	5 %.	SIGMA -T	SPECIFIC VOLUM	Y S A D DYN. M R 10 ³	SOUND	02 ml/	PO4=P HE + at/1	107A (-0 98 - 01/1	ND3-N 98 - 81/1	NO3-N 140 - 01/I	\$1 Da=\$1 pg = 61/1	aN	1 0
																			П
	,			510	0000	2660	3636	2389	0040225	0000	15400		'						
		086	5	085	0000	2660	36362	2389			15400								
				STD	0010	2652	3644	2398	0039464	0040	15401								
				510	0020	2614	3653	2416	0037714	0078	15395								
		086	5	085	0024	25 90	36562	2426			15390								
				STD	0030	2517	3664	2455	0034092	0114	15376								
		086	5	085	0049	2334	36777	2520			15336								
				STO	0050	2327	3677	2522	0027812	0176	15335								
		086	5	085	0073	2203	36680	2550			15306								
				STO	0075	2199	3669	2552	0024986	0242	15306								
		086	5	085	0096	2160	36736	2567	0003613	0303	15300								
				STD	0100	2151	3673 3669	2569 2580	0023512		15298 15289								
		0.0		510	0125	2067	36675	2588	0022319	0260	15283								
		086)	085 ST0	0150	2057	3668	2590	0021638	0416	15281								
		086		085	10194	1992	36674	2608	0021030	0.10	15271								
		000	-	510	0200	1984	3667	2610	0019993	0520	15269								
				510	0250	1924	3662	2621	0019029		15260								
				STO	0300	1871	3658	2632	0018187		15253								
		086	5	085	T0376	1803	36515	2644			15246								
				STO	0400	1793	3651	2646	0017148	0887	15247								
		08	5	085	0472	1740	36437	2654			15242								
				STO	0500	1707	3637	2657	0016455	1055	15236								
		0.8	5	085	T0568	1612	36195	2666			15216								
				510	0600	1554	3609	2671	0015300		15203								
				STO	0700	1359	3577	2689	0013714	1359	15153								
		086	5	085	0762	1227	35594	2702			15116								
				510	0800	1165	3546	2703	0012349		15100								
				STO	0900	0934	3520	2724	0010255	1602	15030								
		08	5	085	10960	0749	35094	2744		14.51	14969								
				STO	1000	0606	3505	2761	0006346	1685	14919								
		08	5	085	1010	0568	35042	2765			14905								

Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE			T		MARS	nrai I		ION TI			T ===		TDA'S			M.A	v 1			_					,
CTET ID.	CODE	LATITUDE	LON	GITUDE ES	SOU	ABE		SMT)		YEAR	CHUISE		ATION	\dashv	DEPTH	130	TH OI	WAVE	ions .	THER				NDDC	
CODE NO.	CODE	1/10		1/10 0 3	10"	111	MD D	ATH	R.1/10		ND.		MARER		MOTTON	2, W b		HG¶ PE	# 1 1 A	CODE				NUMBER	
31127	3 55	2835 N	07	750 W	080	87 (06 2	5 1	16 1	968	A 73	010)		0992	0	9 22		1	×1	8 6			0030	
						WAT	E		HND	BAR		2 1EM		Ė	ND.	_		1' '		,	,			0000	
							TRANS.	DIR.	01392	METE	EN DE		13 W	CODE	mar.	CIUSE	PECIAL EVATIONS								
						CDDE	(gn.)		FORCE	(mbe	t BUI	LB	BULB		-										
								20	514	18	3 26	7	253	6	12										
	MESSENGI		ABD	DEPTN (m)	1 ,	₩		٠/	SIGM		SPECIFIC .			Δр	sou	JND		, PO.		TOTAL-P	ND9-N	ND3-N	51 Da-5		s
	HR 1/10		TPE	DETTIN SINT					210 44		AHOMA	-T-E10	, 1	и, м. 10 ³	VELD	CITY	O3 ml	P9 *		yg - 01/1		νg = 01/8	μg = 01/		c
																			-				-	1	+
	1	' ' 5	STD 1	0000	26	536	360	15	237	73	0041	736	. ' 00	00	153	391	1	t	- 1		1	l		1	11
	116			0000		36	360		237						153										
			STD	0010	2 (515	361	0	238	34	0040	796	00	41		389									
		5	QT6	0020	2 5	594	361	5	239	4	0039	848	00	82	153	386									
	116	5 00	3 5	0024	25	85	361	67	239	9.6					153	385									
			STD	0030		96	363		244		0035	494	0.1	19	153										
	116			0049		90	367		253							325									
			STD	0050		266	367		253		0026	929	0.1	82	153										
	116			0073		197	367		255							306									
			TD	0075		91	367		255		0024	410	04	46	153										
	116			0097		30	367		257		7		- 2		152										
			STD STD	0100		126	367		257		0022			05	152										
	116			0146		146			258		0022	010	0.2	61	152										
	110		10	0150		36	367		259		0020	017	0.4	15	152										
	116			T0195		39	366		261		0020	71/	0 -	10	152										
	110		TD	0200		935	366		261		0019	051	0.5	15	152										
			TD	0250		396	366		262		0018			09	152										
			TD	0300		358	365	-	263		0017			00	152										
	116			T0392		91	364		264					-	152										
			TO	0400		86	364		264		0017	124	0.8	75	152										
	116	6 OB	S	0490	1.7	23	363	95	265	5					152	239									
		5	TD	0500	17	119	363	9	265	5	0016	592	10	44	152	240									
	116	08	5	10594	16	31	362	32	266	4					152	227									
			CTD	0600		18	362		266		0015			06	152										
			TD	0700		87	358		268		0013	936	13	55	151										
	116			0790		69	355		270						151										
			TD	0800		44	354		270		0011			64	150										
			10	0900		91	352		273		0009	450	15	90	150										
	116	08	5	T0946	0.7	70	350	99	274	2					149	775									

												,													
REFERENCE	SHIP	LATITU			GITUDE EX	MARS	DEN	STAT	ON TI		TEAR		NATOR!		DEPTH	DEFTE		WAVE		WEA-	CLDUD		1	NODC	
TET ID.	CODE	- CATHIO	1/10		GITUDE BS						EAS		STATIO		BOTTON	. DF				THER	CDDES			TATION	
-	\vdash			_		10"			_	11.1/10		-				2 MILL	+ -	HGT PH	21.0		17PI A4	1	-		
311273	55	2835	N	078	325 W	080	86 (1	968				0952	09	19	,	1	X 2	4 8	1	- 1	0031	
							_	_	- 4	SPEED	SARC)+ <u> </u>	MP °C	vrs			CIAL								
							COLOR	TRANS	D-IR.	10101	AN ETE (mbs		W E1		DEPTHS	OBSER	2 NOT AV								
									18	509	18	6 273	25	7 7	12										
	MESSENGE					т-				1				₹ △ 0	1			4-	$\overline{}$	-		1		T	ה
	TIME	M NO.	C A TY		DEPTH (m)	1	€	2	٠/	SIGMA	A-T	ANOMALT-1		DYN. A	5. Luca	DCITY	0 2 ml/	PO4-		01AL-P	ND3-N vg - el/l	NO3=N	\$100-5	p N	000
	HR 1/10			-				ļ		-	-		_	2 10 ³				79 - 1	7.	PH - 4-71	V 1 01/1	#B - @t/	μÿ = αt/1		19
	1			_		1									1.	1			- 1					1	
				TD	0000		559	360		236		004241	6	0000		396									
	143	3	ОВ		0000		559	360		236						396									
				TD	0010		540	361		237		004140		0042		395									
				T D	0020		91	362		239		003940	10	0082		386									
	143	3	ОВ		0024		63	362		241		DD3482	-	0119		381 362									
				TD TD	0030		473 265	363		244 252		002714		0101		318									
	37.		OB				265	-		252		002114	0	1.01		318									
	141				0050		200	366 367		255						306									
	143	,	OB	כ מד	0074		197	367		255		002478		246		306									
	143		OB		0079		136	367		257		002476		J 2 4 C		295									
	1.4	,		a TD	0100		133	367		257		002267	5	306		294									
				Τρ	0125		187	367		258		002178		361		286									
	143	l.	ОВ		0148		042	367		259			-			277									
				TD	0150		37	367		259		002079	8	0414		276									
	143	1	OB		T0198		933	366		262						255									
				TΩ	0200		931	366	. 4	262		001687	9	0514	15	254									
				TO	0250		391	366	2	263		001621		0606	15	251									
				TD	0300		352	365	9	263		001765	1	0696		248									
	143	3	ОВ		T0395		78D	365	0.5	264						242									
	-			TΩ	D400		778	365	0	264	9	001686	1	869	15	242									
	143	1	OB	5	0495	1	707	363	78	265	7					235									
				TD	0500		700	363	6	265		001636	3	1035		234									
	143	3	OB	S	T0596	1	549	360	85	267	2				15	200									
			5	TD	0600	1	544	360	17	267	2	001522	3	1193	15	199									
			5	TD	0700		354	357	1	268	5	001404	5	339	15	150									
	143	3	ОВ	S	0795	10	79	353	95	271	4					068									
			5	TD	0800	10	062	353	0	271	6	001100	4	464	15	062									
			S	TD	0900	06	68	350	9	275	5	000680	8	1553		927									
	143	3	OB	5	T0916	0.5	96	350	46	276	2				14	901									

Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE					- 44.45	SDEN	DIT AT2	M TIM	,			DRIGIN	A TOR'S	-	DEPTH	MA		_	WAVE		WEA	CLOUC			NODC	1
CTET IO.	COOE	LA TITU	30	LONGITUOE		ARE	ıG	M11		TEAR	CRUISE	_	TATION	\neg	10	DEPT		OBS	ERVATE		THER	CODES		5	MOITAT	
CODE NO.		•	1/10	1/10	10*	10	MO DA	Y HR.	1/10		NO.		UMIER		801104	S'MP		OIL	HGT FEE	1 26 W	COOL	TTPI AM	T	h	UMSER	
311273	55	2835	N I	07900 W	080	89	06 25	18	2 1	968	A73	01.	2	- 1	0823	0	6	20		1	X 2	5 8			0032	2
						WAT	ER	WIF	ND ON	BARG)- L	AIR TEA	AP. °C	J	NO.		ECIA									
						COLOR	TRANS.	JIR.	OF OF SMID	AA ETE		DRT ULB	WET	CODE	OBS. OEFTHS	OACCO										
								18 5	10	19	0 2	69	267	6	11											
	MESSENGE TIME HR 1/10	CAST NO.	CARC		nt 1	t	2 .	٠.	SIGM	A -1	SPICIFIC	VOLU.	, 0	∆ D yn. m. x 10 ³		UND	02	ml/l	904 98 * 1		TOTAL-P	NO3-N	NO3-N vg - e1/I		βN	S
							Ī																			
	1	, ,	51	0000	2	716	3590) '	233	6	004	528	3 0	000	15	407						'	•			
	182		085	0000) 2	716	358	96	233	6					15	407										
			5 T	0 0010	2	718	359		233			529		045		410										
			5T	D 0020	2	721	359.		233	6	004	534	1 0	091	15	412										
	182		085	0021		721	359		233							412										
			5 T			689	359		234		004	431	6 0	135		407										
	182		085	0043		618	359		237							393										
			ST			552	361		240		003	679	9 0	219		381										
	182		085	0063		453	363		245							363										
			51			397	364		248		003	189	7 0	307		353										
	182		085	0083		361	365		249							346										
			51			287	366		252		002	748	0 0	381		332										
	182		085	0123		203	367		255							316										
			5 T			198	367		255			450		446		315										
			5 T			134	367		257		002	325	4 0	506		302										
	182		085	T0162		105	367		258							296										
			5 T			017	366		260			076		616		278										
			51			922	366		262		001	890	7 0	715		260										
	182		085	10295		855	365		263			7/0		007		248										
			5 T			851.	365		263		001	769	9 0	807		248										
	182		085	0366		787	3650		264		001	4 = 1	2 0	978		239										
			5.1			742	364		265		001	651	2 0	7/8												
	182		085	T0443		675	363		266		001	24.0	, ,	2/ 5		216										
	182		*5T	D 0589	0 1	254	356	10	269	8	001	240	0 1	245	15	216										

																				,			
REFERENCE	SHIP	LATITUD		LONGITUDE 3	MAR	SDEN	STATION	TIME	YEAR			ATOR'S		OEFTH	MAX. DEPTH	0.0	WAVE		WEA	COURS			NODC
C187 10.	3000		1/10	LONGITUDE 1/10						CRUISE NO.		STATION 10 MUP		10 00110	- 01				CODE				MOITAT
1			_		10°		YAQ DAY			_	_				3 40 FL 3	1	HGT PI	312	_	TYPL AM		-	
311273	55	2835	N	07918 W	080		06 25	205	1968					0783	07	22		[1	1 X 2	8 8			0033
						WAT		WIND	BAS	o-	_	J IN	VIS.	NO.	SPEC	CIAL							
						COLOR	TRANS DI	5PEE 08 1080	14161		ULB	WET		GEPTH!	OBSERV	A TION S							
							20				69	262		11	+								
_					-		100	7 01				L-,-			1		4	-					
A	HISSENGE	CAST	CARC		1	8	5 %.	SIC	MA-T	SPECIFIC	VOLU	ME	A A S	sc	GNUC	02 ml/	PO	-P	101AL-P	NO3-N	NO3-N	SI O4-SI	ρΗ
,	H% 1/10	NO.	1175			_	1	-		ANOM	ALT-II	" '	X 103	, AEI	LOCITY		P8 "	61/1	уд - 01/1	₩Q = 01/1	yg - 01/t	µ0 - 01/1	,,,
Г																							
1			ST	0000	2	803	3576	22	298	004	894	4 (0000	1.5	425		1	,		1			,
	205 08 5 5 205 08		085	0000	2	803	35762	2 22	98						425								
			51	0010	2	797	3592	23	312	004	766	4 (0048		427								
			5 T		2	775	3604		326	004	615	7 (0095		425								
	205		085			762	36077		335						6423								
			5 T	D 0030	2	722	3609		349	004	419	9 (0140		6416								
	205		085	0049		620	36136		385						397								
			5 T			617	3614		386	004	073	3 (0225		396								
	205		085	0073		541	36241		17						384								
			5 T			532	3627		22	003	737	8 (323		382								
	205		085	0096		446	36546		69						369								
			5 T			431	3657		+76	003			0410		366								
			ST			340	3668		11	002	912	3 (0487		349								
	205		085	0145		272	36736		35	0.00		2 (. 6 6 7		336								
	205		5.1			257	3674		40	002	049.	2 (0557		333								
	205		085	T0194 D 0200		125	36746		77 581	002	270		0680		307								
			5 T			956	3658		510	002			787		269								
			51			820	3644		34	001			0882		237								
	205		085	10369		658	36229		57	001	173	7 (0002		198								
	205		51			608	3615		663	001	545	2 1	1049		187								
	205		085	0460		488	35950		75	001	243	,	1047		157								
	200		51			374	3576		85	001	354	4 1	1194		125								
	205		085	10551		247	35565		95	001	,,,,,		, .		088								
	200		5 T			145	3542		704	001	178	1 1	1321		059								
	205		D85	0664		041	35288		712						031								
				500.										-									

Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24–26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

CODE NO. CODE	LATITUDE 1/1		1/10		ISDEN IARE	STATION (GM	1)	YEAR		ATOR'S TATION IUMBER	DEPTI TO 80110	DEPT	Ons	WAVE ERVATIONS	WEA- THER CODE	CLOUG		51	NOOC ATION UMBER	
311273 55	2835 N	079	34 W	080	WA COLOR	ER	1010	t (mb	On AIR TEA		075 NO. OBS. DEPTH	571	16 CIAL VATIONS		1 ×2	6 8			0034	
MESSENGE TIME MR 1/10		ARD YPE	CIEPTH (m	, ,	2 2	5 14.	┰	MA-T	SPECIFIC VOLUM	u1 ₹ △	D S	LOCITY	02 ml/l	PO4-P yg = 01/1	TOTAL P HB = 01/1	HO ₂ -N uq - o1/)	NO3-N	SI O4-Si 99 - al/l	рН	200
221	. 01		0000	2	845	3609 36086	5 23	308	0047941		1	5437 5437								П
221	0	5 T O 5 T O 5 T O	0010 0019 0020 0030	2	770 760 666	3609 36106 3611 3612	2:	318 335 338 369	0047071	3 009	4 1	5433 5425 5423								
221	01	35 5TO	0037 0050	2	614 557	36153 3625	2 2 2	888	0038155		8 1	5404 5394 5384								
221	01	5TD 95	0056 0075 0075	2	525 398 398	36304 3654 36544	24	84 84	0031536		5 1	5378 5354 5354								
221	01	STO	0100 0112 0125	2	265 222 211	3670 36744 3674	25	550	0026803		3 1	5327 5318 5318								
221	\$	5T0	T0147 0150 0200	2	177 165 963	36739 3673 3658	25	62 65 68	0024077	061	4 1: 5 1:	5313 5310 5262								
221	08	STO	0250 10258 0300	1	758 725 550	3635 36308 3604	26	643 647 668	0016963		6 1	5210 5201 5151								
221		35 510	0315 T0373 0400	1	488 251 159	35946 35563 3542	26	74 94 101	0011556	091	8 1	5133 5060 5031								
221	. 05	35	0430	1	071	35287	2 7	707			15	5003								

REFERENCE					. :	AF ARS	OEN		ION 1			Т	DING	NATO	r*s	Т	DEPTN	MAX		WAV	'E	Τ,	WEA-	CLOUD	T		NODE
CTET ID.	CODE	LATITUO	E	LONGITUDE	DG.	sau	ARE	1	G # 11		YEAR	CRI	UISE	STAT	OH	_	TO	DEPTH	01	12EKAW		- 1 1	THER	CODES			HOITATE
EDDE NO.	COUL	•	1/10	1/10	- X	10"	1"	MOTO	YAC	NR. 1/10		1	10.	NUM	BER	'	MOTTOM	S'MPL"	DIL	HGT	P1 = 5	IA C	ODE	TYPE AM	ŧ	'	NUMBER
31127	3 55	2835	N	07952 W		080	89	06 2	25	237	1968	A	73 0	15			366	03	20			1	Х2	6 8			0035
						1	WAT	ER		WIND	BA	10-	AR I	EMP.		寸	NO.	·		7' '	,						
							COLOR		OIR	3PE40	M.E.	En	ORY		ET C	VIS.	OBS. OEPTHS	OBSERV	A TIONS								
						1	CODE	'Ne 1		1010	[m]	(0)	1011	110	_												
						- 1			18	510	16	3	261	2	42		0.8										
		e NO.	CAR		lm:	7	τ	2	٠/,,	31G	MA-T		CIFIC VO		≨ ∠ DYN	M.		JHO	O2 ml		0a=P = e1/I		41/I	NO3-N Mg - ql/l	NO3-N	51 O 4-5	
	HR 1/10					-						-				10"	+	-		-1			-	ay - 401	pp = 0171	pg - 011	-
		1 1	ST	p 000	0	21	937	363	2.7	23	24	10	0464	0.2	00	00	15	438		1		l	- 1			l	
	23	7	085				837		265		24						15	438									
	-		5 T	D 001	0	2.8	919	36	34	23	36	0	0453	2 2	00	46	15	436									
			ST	0 002	0	21	900	36	39	23	46	0	0444	2.8	00	91	15	434									
	23	7	085	002	6	2.	789	364	417	23	52						15	433									
			ST	0 003	0	26	591	364	42	23	84	0	0408	78	01	33	15	413									
			5 T	0 005	0	23	316	364	45	2.5	01	0	0298	12	02	04	15	328									
	23	7	085	005	3	22	276	364	461	25	13						15	319									
			5 T	0 007	5	2:	147	360	50	2.5	60	0	0242	48	02	72	15.	291									
	23	7	085	008	0	2:	111	366	503	2.5	70						15.	283									
			5 T	0 010	0	1 9	939	369	50	2.6	0.8	0	0197	2.8	03	27	15	239									
	23	7	085	010	6	11	889	364	463	2.6	18						15.	225									
			5 T	0 012	5	1.	720	362	2.4	26	43	0	0164	53	03	72	15	177									
			5 T	0 015	0	15	537	359	99	26	67	0	0142	70	04	10	15	122									
	23	7	085	015	9	14	482	359			74							105									
			ST	0 020	0	13	327	356	59	26	89	0	0122	71	04	77	151	059									
	23	7	085	T021	4	12	275	356	507	26	93						150	043									
			ST	0 025	0	1.	142	354	• 1	27	04	0	0109	49	05	35	150	001									
	23	7	085	Т02в	8	10	005	35	194	27	11						14	955									

Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24–26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

CERT ID.	SHIP	LATITU	OE 30	LONGITUDE	DEBT	MARS		STA	tion (GMT		YEAR		RUISE	STATIOI		DEPTH TO	MAX, OEPTH		WAVE RVATH		WEA- THER	COOF	1	HOOC	
CODE NO.		•	1/10	11/	10 -	10°	1.	MO	OAT	HR,1/1)	1	NO.	NUMBE	A.	BOTTOM	S'MPL'S	D at.	HGT PE	384	CODE	frF[An	T	NUMBER	
31127	3 55	2835	N.	08011	w	081	80	06	26	013	196	8 1	A73 01	16		0040	00	28		1	X 2	6 8		0036	
						. [WA	TER		WINO	20	RO-	AiR T	EMP °C	J	NO.		IAL							
							COLOR	TEAN	S. OH	SPE: OF	ME	TER	ORT BULE	WET		OBS DEPTHS	COTTON								
						Ì			26	51	4 1	66	246	23	7	03									
	MESSENGE 11ME HB 1/10	% NO.	CAF		1 (m)	7	Έ		s */	SI	GMA-T	5	PECIFIC VOL		₹ △ 0 2 N. A 103	4 1/21	OCITY	O 2 ml/l	PO ₄			NO2-N NO 2-N	NO3-N vg - 01/I		
			5	00 00	00	20	606		87		369		004213	38 (0000		382								7
	01	3	065	5 00 10 00			606 605		870 94		369 374		004168	32 (0042	2 15	382 385								
	01	3	5°	00 00			458 330		00		424 465	-	003694	45 1	0081		353 323								
	01			00 01	30	2	166	36	01	2	510		002884	+0)114	15	282								

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.

																		-	r			,	,				
CTRY ID.	SHIP	LATITU	DE	LONGIT	IUDE	5 C	SOU	DEN	STATIO	N TIME		YEAR	CRUISE		ATOR'S	_	DEPT 10		HTH	CRS	WAVE ERVATIONS	WEA-	CLOUD			NOUC	
COOR NO.	CODE	•	1/10	•	1/10		10"	1*	MÓ QA	Y HR,1/	10		NO.	N N	UMBER		BOTTO	SM STM		DIR	HGT PER 38-		1991 A 641	1		NUMBER	
318139	AI	2840	N	0701	2 W	0	80	80	12 09	066	5 1	1969	A74	001	1		544	0	П	07	1 2	X1	0 3			0001	
							[WA	TEN T	WIN		BARC		IR TEA	4P. °C	VIS	NO.	Π.	SPEC								
							- 1	CODE	TRAHS.	DIRL SI	OF.	METE		ULO ULO	WET	COO	DEPTH			TONS							
							- }		5D 1		7	+	_	10	186	7	27	+	_	-							
		_	_		-	-	_1	DT	20 1	1 3,	<i>J E</i>	190				Т.	27		_								77
	MESSENGE	CAST	CAR	0 0	DEPTH U	nt I	T	τ	5 %		SIG A	AA-T	SPECIFIC	VOLUE	쌹니즘	△ D N. M 103		SOUND ELOCITY	1	03 ml/l	PO4-P	101A L=P	NO3-N	NO3-N	\$104-5		å c
	HR 1/10	-							 	-					-	103	1		+		F 1 4071	28 - 4171	28 - 6D t	и р = a 1/8	VA - 01/	1	10
		1	5 T	ا ا	0000	- 1	22	62	3663	Ι,	253	. [002	6021	,	000	Ι,	5309	1		1 1		- 1	- 1		1	
	066		085		0000			62	3663		253		002	203	1 0	,00		5309									
			5.7		0010			62	3664		253		002	5798	3 0	26		5311									
			085		0010			62	3664		253							5311									
			51		0020			62	3665		253		002	5774	+ 01)53		5312									
	004		085		0020			62 62	3665		253		002	4812	. 0	080		5312 5314									
			085		0030			62	3665		253		002	101-	• 0	000		5314									
			5 T	0 (0050		2.2	60	3666	. 2	253	3	002	5769	0	134	1	5317									
			085		0050			60	3666		253							5317									
			085		0075			50 50	3667 3667		253 253		002	5515	€ 0.	200		5319 5319									
			085		0080			47	3667		253							5319									
			085		0082			45	3660		253							5318									
			085		0090			99	3668		255							5308									
			085		0100			95 95	3665		257		002	2623	3 0.	262		5283									
			51		0125		19		3663		261		001	2421		314		5283 5250									
			085		0125		19		3663		261		001					5250									
			5 T		0150			04	3661		262		001	3254	0	861		5238									
			085		0150			04	3661		262		001	7,,,	7 0	. 6 1		5238									
			085		0200			43	3651 3651		263 263		001	1001	, 0.	-51		5228 5228									
			51		0250			09	3655		264		001	5730	0 0	37		5227									
			085		0250			09	3655		64							5227									
			51		0300			83	3653		265		001	5423	3 0	20		5228									
			OBS		0400			83 55	3653		265		001	5381	7 0	784		5228 5235									
			085		0400			55	3649		65							5235									
			5 T		0500			96	3636		65		001	5274	0	47		5233									
			085		0500			96	3636		265		0.0.					5233									
			085		0600			26 26	3601		267		001	251	1	105		5193 5193									
			51		0700			06	3565		269		001	3500	1	49		5134									
			085	4	0700			06	3565		269							5134									
			ST		0080			63	3531		71		001	1535	1	374		5062									
			085 5T		0800			63 32	3531		271 273		000	2054	. 1	. 77		5062 4991									
			085		0900			32	3513		73		000	,000	> 1.	. 1 1		4991									
			51		1000			58	3505		75		000	7098	3 1:	58		4939									
			085		1000			58	3505		75							4939									
			511		1100		05		3503		276		000	847	7 1	22		4913 4913									
			085		1200		05	02	3504		276		000	5218	3 1	78		4913 4910									
			085		1200			02	3504		277		500.	~ ~ 1 0	, 1,	- 10		4910									
			5 T	0	1300		04	72	3503	- 2	277	7.5	000	+994	1	729	1	4914									
			085		1300			72	3503		277							4914									
			085		1400			48	3503		277		000	+76	/ 1	778		4921 4921									
			51		1500			29	35 42		77		000	68	7 1	325		4930									
			085		1500			29	3502		277							4930									

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

Section Sect	REFERENCE					Lei	MARS	DEN	STATI	וד אם	ME I		\top	ORIGIP	ATD#'S		DEPT	MA MA		WAVE	WEA-	CEDUD			DDC	
1313 A1 2835 N 07125 w 080 8 12 07 131 085 07 080 081 07 081	CTRT ID.	CODE	LATITU									YEAR			TATIO	4	TO	OF	- 04	SERVATIONS	THER	CODES		\$1.	ATION	
	-					1							+-			_		1 mr	1		`			_		
	318139	AII	2835	NIO	7125 W	1 10	رهور					1					LND			11 15 1	IVI	1 013	ı	1 (1002	
										DIR		ME	TER	ORY		COD	J 045.		PECIAL IVATIONS							
STO							- }			10		`	_	-	-	-	-	+								
STD						_		01	150	10	300	11	T		-		+-		1			1				ъ
STD		TIME O	CAST	CAND	DEPTH	(m)	T	℃	5	٠/	SIG	MA-T	SP A	MCIFIC VOLI	뿐	OYN. N	i. S	ELOCITY	D2 ml/						pН	Č
131		HR 1/10			+	-					-		+-		-	X 10-	+				_	-				+
131		ļ		STD	0000	0	22	289	366	4	25	23	1 0	002750	2 (0000	1	5316	1	1 1				'		11
STD O020 C246 3664 C2513 O26402 O594 15308 O26502 O596 O26502 O596		131		OBS			22	289			25	23					1	5316								
STD 0020 2246 3664 2535 5026402 0054 15308 15308 5170 0030 2244 3666 2537 0026251 0080 15310 085 0030 2244 3666 2538 0026275 15310 15310 085 0050 2242 3666 2538 0026275 15312 15313 15312 15312 15312 15313 15312 15313 15312 15313 15312 15313 15312 15313 15312 15313 15312 15313 15312 15313 15312 15313 15312 15313													O	002754	2 (0027	_									
193														102660	2 /	30 E A										
STO 0030 2244 3666 2537 0026251 0080 15310		0.03												02040	2 (JO 5 4										
Section Sect		00)											0	02625	1 (080										
Section Sect																										
085 0075 2237 3667 2540 026164 0198 15315													0	02627	5 ()133										
STO 0100 2105 3666 2576 0022814 0260 15285 085 0100 2105 3666 2576 0022814 0260 15285 085 0125 1987 3665 2607 019941 0313 15285 085 0125 1987 3665 2607 019941 0313 15285 085 0125 1987 3665 2607 019941 0313 15285 085 0150 1914 3664 2626 018284 0361 15281 085 0150 1914 3664 2626 018284 0361 15281 085 0150 1914 3664 2626 018284 0361 15281 085 0200 1840 3658 2640 017089 0449 15228 085 0200 1840 3658 2640 017089 0449 15228 085 0250 1803 3656 2648 016511 0333 15225 085 0250 1803 3656 2648 016511 0333 15225 085 0300 1777 3652 2651 0016357 0615 15226 085 0300 1777 3652 2651 0016357 0615 15226 085 0300 1775 3648 2656 001628 0778 15232 085 0400 1745 3648 2656 001628 0778 15232 085 0400 1745 3648 2656 001628 0778 15232 085 0500 1670 3634 2663 0015815 0939 15225 085 0500 1482 3596 2677 0014659 1091 15178 085 0500 1482 3596 2677 014659 1091 15178 15178 085 0700 1261 3561 2696 0012891 1229 15118 15188 15054 085 0700 0837 3512 2733 009708 1499 14993 1														002616	4 (1198										
STD 0100 2105 3666 2576 0022814 0260 15285 STD 0125 1987 3665 2607 0019941 0313 15258 STD 0150 1914 3665 2607 0019841 0313 15258 STD 0150 1914 3664 2626 018284 0361 15241 STD 0200 1840 3658 2640 017089 0449 15228 STD 0250 1803 3656 2648 0016511 0333 15225 STD 0300 1777 3652 2651 0016357 0615 15226 STD 0300 1777 3652 2651 016357 0615 15226 STD 0400 1745 3648 2656 0016228 0778 15228 STD 0300 1777 3652 2651 0016357 0615 15226 STD 0300 1777 3652 2651 016357 0615 15226 STD 0400 1745 3648 2656 0016228 0778 15232 STD 0300 1745 3648 2656 0016228 0778 15232 STD 0500 1670 3634 2663 0015815 0939 15225 STD 085 0500 1670 3634 2663 0015815 0939 15225 STD 085 0500 1482 3596 2677 0014659 1091 15178 STD 0700 1261 3561 2696 0012891 1229 15188 STD 085 0800 1041 3533 2716 001984 348 15054 STD 0900 0837 3512 2733 0009208 14993 STD 0000 0679 3504 2763 0006165 1000 14924 STD 1000 0679 3504 2771 0005407 1658 14916 STD 1300 0482 3504 2777 000481 17498 STD 1300 0482 3504 2777 000481 17498 STD 1300 0482 3504 2777 000481 17498 STD 1300 0482 3504 2777 000481 17498 STD 1400 0446 3502 2777 000481 17498 STD 1400 0446 3502 2777 000481 17498 STD 1400 0446 3502 2777 0004708 1807 14928 STD 1400 0446 3502 2777 0004708 1807 14928														,02016		1470										
STD 0125 1987 3665 2607 0019941 0313 15258 15258 15270 0150 1914 3664 2626 0018284 0361 1524													0	002281	4 (0260										
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STO 0150 1914 3664 2626 2													C	001994	1 (0313										
150													0	101828	4 1	1361										
STD 0200 1840 3658 2640 0017089 0449 15228 STD 0250 1803 3658 2640 016511 0533 15225 OB5 0250 1803 3656 2648 016511 0533 15225 OB5 0250 1803 3656 2648 016511 0533 15225 STD 0300 1777 3652 2651 016357 0615 15226 OBS 0300 1777 3652 2651 15226 OBS 0300 1777 3652 2651 15226 STD 0400 1745 3648 2656 016228 0778 15232 OB5 0400 1745 3648 2656 016228 0778 15232 OBS 0500 1670 3634 2663 0015815 0939 15225 OBS 0500 1670 3634 2663 0015815 0939 15225 OBS 0500 1482 3596 2677 0014659 1091 15178 OB5 0360 1482 3596 2677 0014659 1091 15178 OB5 0360 1261 3561 2696 0012891 1229 15118 OBS 0700 1261 3561 2696 0012891 1229 15118 OBS 0800 1041 3533 2716 0010984 1348 15054 OBS 0900 0837 3512 2733 009208 1449 14993 OBS 0900 0837 3512 2733 009208 1449 14993 OBS 0900 0837 3512 2733 0007419 1522 14948 OBS 1000 0679 3504 2763 0006165 1600 14924 OBS 1000 0579 3504 2763 0006165 1600 14918 OBS 1000 0482 3504 2777 0005051 1710 14918 OBS 1300 0482 3504 2777 000470 1658 14916 OBS 1300 0482 3504 2777 000470 1698 14916 OBS 1400 0446 3502 2777 000470 1698 14920 STD 1400 0446 3502 2777 000470 1690 14928 STD 1400 0446 3502 2777 000470 1690 14928 STD 1400 0446 3502 2777 000470 1690 14928 STD 1400 0446 3502 2777 000470 1690 14928 STD 1500 0425 3501 2777 000470 1690 14928														,01020		0-01										
STD 0250 1803 3656 2648 0016511 0533 15225 OB5 0250 1803 3656 2648 016357 0615 15226 STD 0300 1777 3652 2651 016357 0615 15226 OBS 0300 1745 3648 2656 016228 0778 15232 OBS 0400 1745 3648 2656 15232 OBS 0400 1745 3648 2656 15232 OBS 0500 1670 3634 2663 0015815 0939 15225 OBS 0500 1670 3634 2663 0015815 0939 15225 OBS 0500 1482 3596 2677 0014659 1091 15178 OBS 0500 1482 3596 2677 0012891 1229 15118 OBS 0700 1261 3561 2696 0012891 1229 15118 OBS 0700 1261 3551 2696 001984 1348 15054 OBS 0800 1041 3533 2716 0010984 1348 15054 STD 0800 0837 3512 2733 0009208 1449 14993 OBS 0900 0837 3512 2733 0009208 1449 14993 OBS 1000 0679 3504 2763 0006165 1600 14924 OBS 1000 0579 3504 2763 0006165 1600 14924 OBS 1000 0482 3504 2777 0005051 1710 14918 OBS 1000 0482 3504 2777 0004707 1658 14916 OBS 1400 0446 3502 2777 0004708 1807 14928 STD 1400 0446 3502 2777 0004708 1807 14928 STD 1400 0446 3502 2777 0004708 1807 14928													C	01708	9 ()449										
085 0250 1803 3656 2648 15225 STD 0300 1777 3652 2651 0016357 0615 15226 085 0300 1777 3652 2651 515226 5TD 0400 1745 3648 2656 016228 0778 15232 085 0400 1745 3648 2656 15232 085 0400 1745 3648 2656 15232 STD 0500 1670 3634 2663 0015815 0939 15225 085 0500 1670 3634 2663 15232 STD 0500 1482 3596 2677 014659 1091 15178 085 0500 1482 3596 2677 15178 STD 0700 1261 3561 2696 0012891 1229 15118 085 0700 1261 3561 2696 012891 1229 15118 085 0700 1261 3551 2696 1518 5TD 0800 1041 3533 2716 0010984 1348 15054 5TD 0800 0837 3512 2733 0009208 1449 14993 085 0900 0837 3512 2733 0009208 1449 14993 STD 1000 0679 3505 2751 0007419 1532 14948 085 1000 0679 3505 2751 0007419 1532 14948 STD 100 0516 3504 2771 0005407 1658 14916 085 100 0579 3504 2763 0006165 1600 14924 085 100 0516 3504 2771 0005407 1658 14916 STD 1300 0482 3504 2771 0005407 1658 14916 STD 1300 0482 3504 2771 0005407 1658 14916 STD 1300 0482 3504 2771 0005407 1658 14916 STD 1400 0446 3502 2777 0004813 1760 14928 STD 1400 0446 3502 2777 0004813 1760 14928 STD 1400 0446 3502 2777 0004708 1807 14928																										
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STD													_	, , , , , ,												
STO 0500 1670 3634 2663 0015815 0939 15225 OBS 0500				5 T D	0400	0							0	01622	8 (778										
085 0500 1670 3634 2663 15225 STD 0600 1482 3596 2677 0014659 1091 15178 085 3600 1482 3596 2677 STD 0700 1201 3561 2696 0012891 1229 15118 085 0700 1261 3561 2696 15118 STD 0800 1041 3533 2716 010984 1348 15054 085 0800 1041 3533 2716 010984 1348 15054 STD 0900 0837 3512 2733 0009208 1449 14993 085 0900 0837 3512 2733 0009208 1449 14993 STD 1000 0679 3505 2751 0007419 1532 14948 O85 1000 0679 3505 2751 14948 STD 1100 0579 3504 2763 0006165 1600 14924 O85 1100 0579 3504 2771 000547 1658 14916 STD 1200 0516 3504 2771 0005051 1710 14918 O85 1300 0482 3504 2775 0005051 1710 14918 O85 1400 0446 3502 2777 0004813 1760 14920 O85 1400 0446 3502 2777 0004813 1760 14920 O85 1400 0446 3502 2777 0004813 1760 14920 O85 1400 0446 3502 2777 0004813 1760 14920 STD 1500 0425 3501 2779 0004708 1807 14928																2020										
STD 0600 1482 3596 2677 0014659 1091 15178 1													C	001581	5 (1934										
085													С	01465	9	1091										
085 0700 1261 3561 2696 1518 5TD 0800 1041 3533 2716 0010984 1348 15054																	1	5178								
STD													C	001289	1	1229										
085 0800 1041 3533 2716 15004 5TD 0900 0837 3512 2733 0009208 1449 14993 085 0900 0837 3512 2733 14993 5TO 1000 0679 3505 2751 0007419 1532 14948 085 1000 0679 3505 2751 14948 5TD 1100 0579 3504 2763 0006165 1600 14924 085 1100 0579 3504 2763 14924 5TO 1200 0516 3504 2771 0005407 1658 14916 085 1200 0516 3504 2771 14918 5TD 1300 0482 3504 2775 0005051 1710 14918 085 1300 0482 3504 2775 0004813 1760 14920 085 1400 0446 3502 2777 0004813 1760 14920 085 1400 0446 3502 2777 0004813 1760 14920 085 1400 0446 3502 2777 0004813 1760 14920														201000	, ,	37.0										
STD													(001098	4	1348										
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085 1000 0679 3505 2751 14948 STD 1100 0579 3504 2763 0006165 1600 14924 085 1100 0579 3504 2763 14924 STD 1200 0516 3504 2771 0005407 1658 14916 085 1200 0516 3504 2771 14916 STD 1300 0482 3504 2775 0005051 1710 14918 085 1300 0482 3504 2775 0005051 1710 14918 085 1300 0482 3504 2775 0006051 1710 14918 STD 1400 0446 3502 2777 0004813 1760 14920 085 1400 0446 3502 2777 0004813 1760 14920 085 1400 0446 3502 2777 0004708 1807 14928							0.8	337	351	2	27	33														
STD 1100 0579 3504 2763 0006165 1600 14924 1													C	000741	9	1532										
085 1100 0579 3504 2763 14924 STO 1200 0516 3504 2771 0005407 1658 14916 085 1200 0516 3504 2771 14916 STO 1300 0482 3504 2775 000551 1710 14918 085 1300 0482 3504 2775 14918 STO 1400 0446 3502 2777 0004813 1760 14920 085 1400 0446 3502 2777 000481 1870 14920 STO 1500 0425 3501 2779 0004708 1807 14928													_	200616	5	1600										
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570 1500 0425 3501 2779 0004708 1807 14928													(,00401	-											
									350	1			C	000470	8	1807	1	4928								
				035	150	0	04	25	350	1	27	79					1	4928								

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

C																							
REFERENCE	SMIR	LATITU	ID:	LONGITUDE	MARSE SOUA	DEN	STATION 1	ME			NGIN	ATOR'S		DEPTH	MAR.		WAVE	WEA-	CLOUD			NODC	
CODE NO.	CODE		1/10	1/10	3 10"		MO DAY H	B 1/20	YEAR	CRUISE NO.	5	TATION UMBER		TO MOTTOM	OF		ERVATIONS	THER	CODES		1.3	MOITATE	
210100	1.							-		1				-	S'MPL"	DIR	HG7 PER 38	A	TTPE AM	1		NUMBER	
318139	IAI	2835	NIC	7235 W	1080	82]			1969	A74	00:		,[4846	L _	13	2 2	X1	03	-		0003	
					-			SPEED	MET	U-	IR TEA		VIS.	NO. 095.	SPE	CIAL							
					10	SODE	TRANS. DIR.	FORCE	747.6.1.1		JL II	WES BULS	CODI	DEPTHS	ORSERV	ATIONS							
						DT	50 12	509	16	9 24	16	214	7	24									
	MISSENCE						0- 122	1	120		_	_	_	-									
	MESSENGE TIME	H NO.	CARD	DEPTH (m)	1	7	s -4.	SIGA	T-AN	SPECIFIC	VOLU-	" S	A. 503	. SOU		0; m1/1	PO4-P	TOTAL-P	NO2-N	NO3-N	S104-S	pH	5
	HR 1/10			-	-			-					103	7820	CIII		µq = e1/1	≥9 = 01/I	νg - α1/1	78 - 01/I	νg - ml/	1 "	č
		1					}								- 1								
	3.00		STE		23.		3661	25]		0028	3718	3 00	000	153									
	188		OBS	0000	23.		3661	251						153									
			OBS	0010	23		3661 3661	251		0028	3531	. 00	28	153									
			STO		23		3662	251		0028			57	153									
	003		OBS	3020	23		3662	251		0020	. 4 4 4		121	153 153									
			STO	0030	23		3663	251		0028	275	0.0	85	153									
			OBS	0030	23		3663	251		,,,,,		,		153									
			STD	0050	230	0.2	3663	251		0028	128	0.1	41	153									
			085	0050	230		3663	251	8					153									
			STD	0075	223		3660	253	35	0026	662	04	10	153	15								
			OBS	0075	22:		3660	253						153									
			STD	0100	220		3659	254		0025	941	0.2	76	153									
			0B5 5T0	0100	220		3659	254					_	153									
			OBS	0125	201		3671 3671	259		0020	836	0.5	34	152									
			STD	0150	194		3666	259		0018	906	0.3	84	152									
			085	0150	194		3666	261		0010	704	Ų.	04	152									
			STD	0200	184		3661	264		0016	964	04	73	152									
			085	0200	184		3661	264	1		-			152									
			STD	0250	180	9.0	3658	264	8	0016	486	05	57	152	27								
			OBS	0250	180		3658	264	8					152	27								
			STD	0300	178		3654	265		0016	332	0.6	39	152	27								
			OBS	0300	178		3654	265						152									
			STD	0400	173		3647	265		0016	153	0.8	02	152									
			OBS	0400 0500	173		3647 3624	265						152									
			OBS	0500	164		3624	266 266		0015	645	09	62	152									
			510	0600	144		3593	268		0014	160	1.1	12	152 151									
			OBS	0600	144		3593	268		0014	109	1.1	4.6	151									
			STD	0700	123		3561	270		0012	356	14	44	151									
			085	0700	123	34	3561	270						151									
			STD	0800	098		3528	272	2	0010	353	13	58	150									
			OBS	0800	098		3528	272						150	33								
			STD	0900	079		3512	273		0008	594	14	53	149	78								
			OB5	0900	079		3512	273						149									
			STD	1000	066		3506	275		0007	193	15	31	149									
			OBS	1000	066		3506 3505	275		0005	003	2.4	0.7	149									
			OBS	1100	057		3505	276 276		0005	997	15	97	149									
			510	1200	050		3504	277		0005	317	1.6	54	149									
			OBS	1200	050		3504	277		0000	27.4	10)4	149									
			510	1300	047		3504	277		0005	004	17	06	149									
			085	1300	047		3504	277					-	149									
			STD	1400	044	6	3502	277		0004	813	17	55	149									
			OBS	1400	044	6	3502	277	7					149									
			STD	1500	043		3502	277		0004	699	18	02	149	30								
			OB5	1500	043	0	3502	277	9					149	30								

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

					,						_,										,		,			,
REPERENCE	SHIP	LATITU	DE	LONGITUDE 3	MAR	SDEN	STAT	IOH T	IME	YEAR		CRUISE		ATIONS	_		PTH TO	MAX. CEPTH	041	WAVE ERVATIONS	WEA-	CLOUG		- 1.	NOOC	
CODE NO.	COOS		1/10	1/10	10°		MO [R,1/10			HO.		UMBER				OF S'MPL'S		HGT PER SE		TYPE AM	-		UMBER	
318139	Δ1	2835	N	07345 W	080	83	12	10	004	196	9	A74	004	,		47	55		13	2 3	X1	0 3			0004	, i
. 510157		2000			1000	WA			JAIN	114	190	1	TEM		T,	Тн	0.	SPEC	-	1- 1- 1	1			'		,
						COLOR	TRANS.	CIR	SPEEC OR FORC	MI	ET E 8			WET	coo	100	BS. PTHS		ATIOHS							
						DT	5D	13	512	$\overline{}$	66	_	\rightarrow	212	7	1 5	5									
					Т	וטו	130	13	1215	1	т		_		1.	+-	-			1					_	
	METSENGE TIME	L CAST	CARD	DEPTH (m)	1	℃	\$	٠/	SIG	MA-T		1PICIFIC ANDMA	7-118	, o	△ D 4H. M x 10 ³	١.	VELOC	111	03 ml/l	PO4=P	101A(-P	NO2-N ve - st/1	NO3-N NB - 01/1	\$1 O4-\$		2
	HR 1/10				+-		+		+		+			+	A 10	+				-			-			
	l	1	 5T	0000	2	269	36	54	25	21	-	0027	675		000	1	153	10		1 !				ı	1	11
	004		085	0000		269	36		25								153									
			5 7 1			269	36		25			0027	642	0	027		153									
			085	0010		269	36		25			_					153									
			STI			269	36!		25			0027	681	. 0	055		153									
	004	•	085 511	0020		269 269	365		25 25			0027	721	0	083		153 153									
			085	0030		269	36		25			0027	121		000		153									
			51			267	36		25			0027	745	0	138		153									
			085	0050	2	267	365	55	25	22							153	17								
			5 T			267	36		25			0027	843	3 0	208		153									
			OBS	0075		267 268	365		25 25			0027	040		277		153									
			5TI 0B5	0100		268	36			22		0027	703	, 0	- 11		153									
			571			268	36			23		0027	994	. 0	347		153									
			085	0125	2	268	36	56	25	23							153	30								
			085	0130		268	36			23							153									
			51			182	36			59		0024	683	3 0	413		153									
			OBS	0150		182	36		25	59		0018	823		522		153 152									
			OBS	0200		940	360		26			0010	02.	, ,	- 2 2		152									
			51			868	366			38		0017	436	0	612		152									
			085	0250		868	366		26								1,52									
			ST			824	366			47		0016	756	0	698		152									
			085	0300		824 777	364		26	54		0016	, o c		864		152 152									
			51 0B5	0400		777	36			54		0010	403	, ,	004		152									
			ST			753	36			57		0016	460	1	028		152									
			085	0500	1	753	365	52	26	57							152	52								
			ST			617	36			69		0015	496	1	188		152									
			085	0600		617	36			69		0013	5.0.1	1	333 د		152 151									
			5TI	0700		381 381	35			90		0013	247	. 1	- > >		151									
			ST			115	35			14		0011	257	1	458		150									
			085	0800		115	35	48		14				_			150	83								
			ST	0900	0	883	35	21	27	33		0009	320	1	560	1	150	11								
			OBS	0900		883	35			33							150									
			51			699	35		27			0007	276) 1	643		149									
			0 B S	1000		699 581	35			53 67		0005	834	. 1	709		149									
			085	1100		581	350			67		0000			,		149									
			5 T			519	350			75		0005	080) 1	764		149									
			085	1200		519	35			75							149									
			51			479	35			78		0004	725	1	813		149									
			085 51	1300		479 449	350			78 81		0004	400	1	059		149									
			085	1400		449	35			81		0004	-03	, 1	- , ,		149									
			ST			438	35			81		0004	517	7 1	904		149									
			085	1500	0	438	35	06	27	01							149	34								

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

atttatuat																	
CTRY IO CONT LATITUD	LONGITUE	MARSDEN BO SQUARE	STATION TI	ME YEAR		SINATOR'S		OEPTH	MAX. DEPTH	000	WAVE ERVATIONS	WEA-	CLOUG			NODC	
		1/10 2 10 10	MO DAT H		CRUISE NO.	STATION		01 M01108	OF S'MPL'S		HOT PER SE	CODE	TIPE AM			HOITAT	
318139 AI 2836	N 07502	w 080 85	12 10 0	64 1969	A74 C	05		4892		-	2 2			1	_		
				IND BARC	1 4.0	TEMP T	1	NO,			2 2	X0	0 3	1	- 1	0005	
		COLO		SPEED METE	B DRY	WET	COO		OBSERV.	ATIONS							
		coo		108CF (mbs			+										
		DT	50 13	515 146	6 229			25									
MESSINGE CAST	CARO GEP	TH thi T 10	\$ */	SIGMA-1	SPECIFIC VO	TAULE	Δ D 1 103	\$00		O2 ml/l	PO ₄ =P	TOTAL-P	NO2~N	NO3-N	2-4012		5
RR 1/10			-		AHOMALI	-116	x 10 ³	, AEFG	CITY		νg = at/1	1\10 · gu	μg = 61/1	µg = e1/1	μg - e1/l	βN	č
			1	1													П
064		000 2327 000 2327	3654 3654	2504	00292	72 0	000										
004		10 2327	3654	2504	00293	12 0	029	153 153									
		10 2327	3654	2504	00233	12 0	029	153									
		2327	3654	2504	00293	52 0	058	153									
004		20 2327	3654	2504				153									
		30 2322 30 2322	3654 3654	2506	00292	55 0	087	153									
		39 2322	3654	2506 2506				153 153									
		50 2316	3656	2509	00290	26 0	146	153									
	085 00		3656	2509				153									
		75 2242	3673	2543	00256	66 0	214	153									
	OBS 00 STD 01		3673 3678	2543 2575	00030			153									
	085 01		3678	2575	00558	91 0	475	152 152									
	STO 01		3675	2594	00212	39 0	330	152									
	085 01		3675	2594			- 20	152									
	510 01		3671	2616	00191	99 0	381	152									
	DB5 01 STO 02		3671	2616	00.77	71 0	-	152									
	DB5 02		3666 3666	2633 2633	00177	/1 0	• 73	152									
	5TD 02		3662		00168	75 0	660	152									
	085 02		3662	2644		_		152									
	STD 03		3659		00165	41 0	544	152									
	085 03		3659	2649				152									
	STD 04 085 04		3652 3652	2656 2656	00161	99 0	307	152									
	STD 05		3637		00155	99 0	966	152									
	085 05		3637	2665	00	, , ,		152									
	510 06		3604		00143	57 1	116	151									
	06		3604	2680				151									
	ST0 07		3571 3571	2700	00125	20 1	51	151									
	STD 08		3540		00104	3.7 1	365	151 150									
(DBS 08		3540	2722	00104	. 1.		150									
	STD 09		3519	2736	00089	2 1	62	150	UO.								
(085 39		3519	2736				150									
,	STD 10:		3512		00077	73 15	146	149									
,	5TD 11		3512 3510	2748	000620	12 16	16	149									
	85 11		3510	2764	000020	- 1º	-10	149									
	STO 12	00 0538	3510	2773	00052	3 10	73	149									
	BS 12		3510	2773				149									
,	STD 13(085 13)		3508		000486	0 17	24	149									
	085 136 5TO 146		3508 3508	2777	000456	0 1	71	149									
	085 140		3508	2781	000406	, 1	1.1	149									
	STD 150		3507		000441	3 18	16	149									
	085 150	00 0436	3507	2782				149	3 3								

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

Table																								
			LATITU	DE	LONGITUDE	E X	MARSDEN	STATION T	IME	YEAR	_					DEPT	H DAS	WAVE ERVATIONS	WEA	CLOUD			HODE	
	CODE NO.	CODE				0 2		MO OAY	18,1/10		NO.	,	ILI M BEI			2, 74 br								
	318139	A1	2837	N	075265w					1969					4938		14	2 3	X1	0 3			0006	
											v	_			Cet									
							CODE	TRANS DIR.	0.8			DRY	BULB	COD	DEPTHS	DBZER	VATIONS							
STO 0000 2325 3656 2506 0029072 0000 15324							DT	50 14	525	13	2 2	30	201	7	27									
STO 0000 2325 3656 2506 002912 0000 15324 15324 15325 15			CAST NO.			(m)	1 %	5 1/4.	SIC	- A A - T	SPECIFI	VOLU	ME I	YN. A	SO		D2 ml/l			ND2-N ug - at/1	NO3-N	\$1 D4-\$1 pg - et/1	pН	S C C
100		HR 1/10	-		+		-	 	+		1		-	A 10				+			-		-	+
100		1	l	ST	0 000	0	2325	3656	25	506	002	907	2 (000	15	324	I	1	'	' '		1	1	11
085 0010 2325 3656 2506 0029152 0088 15327 003 085 0020 2325 3656 2506 STO 0030 2311 3656 2510 STD 0030 2311 3656 2510 STD 0050 2304 3656 2512 085 0030 2311 3656 2512 085 0070 2304 3656 2512 085 0070 2301 3658 2515 STD 0050 2704 3656 2512 085 0070 2301 3658 2515 STD 0075 2300 3663 2519 085 0075 2300 3663 2519 085 0075 2300 3663 2519 085 0075 2300 3663 2519 085 0075 2300 3663 2519 085 0075 2300 3663 2519 085 0075 2300 3663 2519 085 0075 2300 3663 2519 085 0100 2129 3673 2575 085 0100 2129 3673 2575 085 0125 2039 3672 2599 085 0125 2039 3672 2599 080 0125 2039 3672 2599 080 0125 2039 3672 2599 STO 0150 0150 1966 3669 2618 O85 0150 1966 3669 2618 O85 0150 1976 3669 2618 O85 0150 1976 3665 2637 O85 0200 1872 3665 2637 O85 0200 1872 3665 2637 O85 0200 1872 3665 2637 O85 0200 1872 3665 2637 O85 0200 1872 3665 2637 O85 0200 1872 3665 2637 O85 0200 1872 3665 2637 O85 0200 1872 3665 2637 O85 0200 1873 3662 2645 O85 0250 1881 3682 2645 O85 0250 1881 3682 2645 O85 0250 1881 3682 2645 O85 0250 1881 3682 2645 O85 0250 1881 3682 2645 O85 0250 1881 3682 2645 O85 0250 1881 3682 2645 O85 0250 1881 3682 2645 O85 0250 1881 36		100			000	0																		
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Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

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			085	0050	2418	3650	2474					153									
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			065	0100	2316	3654	2507					153									
			STD	0125	2164	3674	2566	0.0	2388	7 0	81	153									
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			STO	0150	2058	3678	2598	00	2090	6 04	37	152									
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			085	0200	1922	3670	2628	00	1022	2 0.	, 25	152									
			STD	0250	1867	3665	2638	00	1740	0 06	24	152									
			STO	0300	1823	3661	2646	0.0	1681	0 0	10	152	40								
			065	0300	1823	3661	2646					152									
			ST0 085	0400	1771 1771	3656 3656	2656 2656	0.0	1626	2 00	75	152									
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			STO	0600	1637	3631	2669	00	1558	6 11	97	152									
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			ST0	1500	0427	3508	2784	00	0422	4 19	35	149									
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Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

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REFERENCE	SHIP	LATITUDE		NGITUOS BX	MAR	SOEN	STATI	ON TH	ME	YEAR		ORIGIN			GEPTH TO	DEPT	H nas	WAVE ERVATIONS	WEA-	CLOUD	-		HOOC	
CODE NO.	C001		/10	1/12	10°		MO TO		1.1/10	ILAN	CRUI	SE S	HOITAT		BOTTOM			HGT PER SE		TIPE AMI	-	;	TUMBER	
			_		080	1			91	969	A7	4 00	0	-	2012		15	4 3	X 2	0 3		-	0008	,
318139	HALI	2835 1	N I U /	643 W	1080	86 1 WA1			IND I	BAR		AIR TE		7-	HO.	_		14 12 1	1 ^2	1 013	1	- 1	0000	
						COTO	TRANS.	Diff.	SPEED	METE	12	ORY	WET	COO		OBSER	VATIONS							
						COOE	GH [FORCE	imbe	-	BULB	BULB	-	-	_								
						DT	50	18	514	11.	2	238	215	7	25									
	MESSEN GE TIME	CAST	CARD	DEPTH (m)	Τ,	₩		٧	SIGA	7-41		NC AOFR	ME 3	Δ O	501	UND	O2 m1/1	PO ₄ -P	TOTAL-P	NO2-N	NO3-N	S104-S	pN	3
	HR 1/10	NO.	TYPE	atrice dul	- 1		1 1	***	3107		ANC	E-FJAMC	۰′ ۱	X 10 ³	, AEro	DCITY	07 11111	μη = 01/1	µg = 41/1	μg = α1/1	pg = et/1	yg = 101/	P"	c
															-									
	1	. ,	STD	0000	. 2	370	365	3	249		00	3055	2 0	000	15	334								
	191	. (085	0000		370	365		249							334								
			STO	0010		368	365		249		00	3052	9 0	030		336								
		(085 510	0010		368 367	365		249		0.0	3046	٥ ،	061		336 337								
	004		OB5	0020		367	365		249		00	30~0	, ,	001		337								
	000		510	0030		366	365		249		00	3048	2 0	091		338								
		(OBS	0030	2	366	365	4	249	3					15	338								
		(OBS	0039		364	365		249							339								
			510	0050		320	365		250		00	2957	1 0	151		330								
		(085 510	0050 0075		320 316	365 367		250		00	2804	7 0	223		330 336								
		,	31U 0B5	0075		316	367		252		00	2004	, ,	623		336								
		,	510	0100		173	367		256		0.0	2409	9 0	288		304								
		(085	0100		173	367		256						15	304								
			510	0125		044	367		260		00	2067	4 0	344		274								
			085	0125		044	367		260							274								
			510	0150		958	366		26		00	1908	8 0	394		254								
		,	085 510	0150		958 872	366 366		26:		00	1728	7 0	485		254								
			085	0200		872	366		26:		00	1120	, ,	- 0 3		238								
			510	0250		834	366		264		00	1668	5 0	570		235								
		(085	0250	1	834	366	4	264	+6					15	235								
			STO	0300		808	366		265		00	1637	1 0	652		236								
			085	0300		808	366		265							236								
			510 085	0400		765 765	365		269		00	1612	<i>3</i> 0	815		239								
		,	510	0500		693	364		266		0.0	1591	3 0	975		232								
			0B5	0500		693	364		266		-					232								
			STD	0600		504	360	6	268		00	1442	1 1	127		187								
			085	0600		504	360		268							187								
			STO	0700		279	357		270		00	1215	3 1	260		126								
			085	0700		279 131	357		270		00	1126	2 1	377		126								
			STO OBS	0800	_	131	355		27		00	1120	, ,	211		089								
			510	0900		868	352		27		00	0907	0 1	478		006								
			085	0900		868	352		27						15	006								
			STO	1000		646	350		27		00	0662	8 1	557		935								
			085	1300		646	350		27							935								
			510	1100		545	350		27		00	0539	9 1	617		911 911								
			OB5 STD	1100		489	350		27		nn	0474	0 1	068		905								
			0B5	1200		489	350		27		00	0-14	, ,	-00		905								
			STD	1300		451	350		271		00	0449	C 1	714		906								
			085	1300		451	350	16	27	9.0						906								
			STO	1400		414	350		271		00	0424	2 1	758		907								
			OBS	1400		414	350		271		0.0	04.00	, ,	700		907								
			STO	1500		396	350		271		00	0409	6 1	799		916								
			085	1500	U	396	220	-4	21	3 44					14	10								

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REPERENCE	SHIP	LATITL		ONGITUDE	AM SCIE	RSOEN	STA	TION T	1ME	TEAR		ONGI	_	-		CEPTH	MAX. GEPTH		WA	VE A BOHS	WEA	Crono			2002	
COOR NO.	10·00	CATIO	1/10	1/10	20 NO.		MO T		1R,1/10	TEAR	CRI	UISE 40.	STAT		-	10 MOTTOM	OF S'MPL"			PER SE	CODE	CODES			HOITAT	
210170	4.1	2020			1					1040	+				٦.	1007	3 mrs	_					-		2000	
318139	A 1	2839	N I U	7727 W	080	0 87 WA			225 wind	1969	/ LA	74 00		9c	4	1097	L	15	4	3	X 2	0 3		- 1	0009	
						COLOR	· ·	+-	3P100	ME1		DAY	-	-	VIS.	NO, OBS.		CIAL								
						COOE	(m)	OIR	FORCE			BULB		ille [.000	DEPTHS	OHZENA	W IION 2								
						DT	50	16	527	0.7	8	242	2	19	5	20			1							
	MESSENG	CAST	CARD				Т		Τ		1	CIFIC VOL		₹ Z	٠.	500	wn I		١.							73
	TIME HR 1/1	MO.	TYPE	GEPTH	int .	т "С	\$	٠/٠٠	SIG	M A - 1	AP	HOMALT-	110,7		. м,	VELO		03 ml/		O4~P 8 = 81/3	101A L=P	NO3+N ug + el/1	NO3-N	\$1 O4 = \$1 NG - BN	9N	c
	PUB 171	9		+			+		+-		+-			<u> </u>		+-	-		+	-		-	-		_	
	I	1	STO	0000) 1	2381	36	51	24	86	100	03100	6	000	20	153	137		-	- 1		l	i			11
	22	5	085	0000		2361	36		24			0 5 2 0 0			-	153										
		_	STO	0010		2381	36		241		0.0	03104	6	00	31	153										
			OBS	0010) ;	2381	36	51	24							153	38									
			STO	0020		2381	36		24		00	03108	7	000	52	153										
	0.0	4	085	0020		381	36		241							153										
			STO	0030		2382	36		241		0.0	03115	4	000	93	153										
			085	0030		382	36		241					0.7		153										
			STD	0050		2380	365		248		00	03117	1	01	>>	153										
			510	0075		347	36		250		0.0	2984	5	023	1 1	153										
			085	0075		347	369		250			, , , , ,	-	02.	, 1	153										
			STO	0100		189	36		256		0.0	02431	8	029	99	153										
			085	0100) 2	189	36	76	256	50						153	08									
			ST0	0129	2	062	36	74	259	94	0.0	2121	1	035	56	152	79									
			085	0125		062	36		25							152										
			510	0150		977	36		26		0.0	1920	0	04	6	152										
			085	0150		977	36		26		0.0		_	0//		152										
			STO OBS	0200		869	366		26:		0.0	01735	9	049	18	152										
			510	0250		838	366		264		0.0	1684	6	058	2 7	152										
			085	0250		1838	366		264		0.0	,,004		026	, ,	152										
			STD	0300		819	366		264		0.0	1670	9	066	5.7	152										
			OBS	0300		819	366	51	264							152										
			STD	0400)]	767	365	55	265	56	0.0	1624	2	083	3 2	152	40									
			OBS	0400		767	365		26							152										
			STD	0500		717	364		266		0.0	01611	0	099	94	152										
			OBS	0500		717	364		266							152										
			STO	0600		498	360		26		90	1450	40	114	+ 7	151										
			QBS ST0	0600		498	356		261		0.0	1253	ρ	148	2 2	151										
			085	0700		258	356		270		00	11277	0	1-0	36	151										
			510	0800		002	35		272		0.0	1021	9	139	96	150										
			085	0800		002	353		272							150										
			STD	0900		778	35	12	274		00	00826	1	148	88	149										
			085	0900		778	351		274							149										
			STD	1000		573	350		276		00	00573	8	155	8	149										
			085	1000		573	350		276							149										
			085	1050	C	1434	350	3	278	30						148	57									

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE	SHIP				E M	ARSDEN	SYA	TION TI	3ME	TEAR	\vdash		ATOR"		1	DEFTH	MAX. DEPTH	OBS	WAVE ERVATIONS	WEA-	CLOUG			NODC	
COUR NO.	CODE	LATITE	1/10	LONGITUDE '1/18	返ると	0. 1.		OAY IN	9 1/10	TEAR	CRUIS	ŧ	STATIO		80	MOTTO	S'MPL"	1	HGT MITS	CODE	TYPE AM			UMBER	
1	+										+	+			1	061		17	5 3	X1	0 3		-	0010	
31813	9l AI	2839	5 NIC	07748 W	1 108	80 87			20 D	1969	-		MP. °C	$\overline{}$		951 NO.			2 2	1 ^1	1 013	1	- 1	0010	1
						COLOR	1	+	SPEED	- BAR MET		OBY	WEI	- v	2	OBS.	CHSERV	ARONS							
						CODE	int	- Diac	10101	lmb	61	BULB	BUL	\rightarrow	-	DEPTHS									
						DT	50	18	522	07	8	236	21	7 6		20									
	MESSEN	CAST	CARC	DEPTH		r to	Τ.	٠/		MA-T	SPECI	ic voli	1441	Ž ∆	D	sou	IND	02 ml/l	PO ₄ -P	TOTAL-F	NO2-N	NO3-N	S1 O4-S1	μН	1
	HR 1/1		TYPE	DEFIN	lu i	, ,	Ι,	***	3161	w.aı	AHO	MALT-E	187	2 10	ja 🗀	VELC	CITY	O J MIDT	ив - 61/1	yg = a1/1	μg = 01/1	υg = p1/1	μg = α1/1	100	c
	714 10	1	1								1		\neg												
	1		510	000	0 '	2365	36	50	24	90	00	3062	5	000	0	153	333 ່		1			·			
	0.2	0	OBS	000		2365	36	50	24	90						153	333								
	-	•	STO			2365	36	50	24	90	0.0	3066	5	003	0	153									
			DBS	001		2365	36	50	24	90						153									
			ST	002	0	2365	36		24		0.0	3070	5	006	1	15									
	0.0	4	085	002	0	2365		50	24								336								
			ST	003	D-	2365	36	50	24		0.0	3074	5	009	2	153									
			085	0031	D-	2365		50	24								338								
			DBS	004		2365	36		24							153									
			DBS	004		2330	36		24							15									
			ST			2308	36		25		0.0	2923	4	015	2	153									
			OBS	005		2308	36		25			. 700		. ? ?	2	151	327								
			ST			2285	36		25 25		00	2790	8	022	2		327								
			085	007		2285	36				00	2195		028	6	15									
			510			2100	36	76	25 25		ŲŪ.	2173	*4	U 2 0)	152									
			OBS	010		2100	36				00	2010	0	033	0	15									
			ST0	012		2016	36		26 26		00	2010	4	ودر	0	15									
			510			1959	36		26		0.0	1904	3	038	7	15									
			085	015		1959	36	_	26		00	1,04	-	0 - 0	,	15									
			510			1882	36		26		0.0	1774	1	047	9	15									
			DBS	020		1882	36		26				-			152									
			ST			1849	36		26		00	1704	2	056	6	157									
			DBS	025		1849	36		26							152	240								
			ST			1841		64	26		00	1702	4	065	1	157	246								
			OBS	030		1841	36	64	26	44							246								
			ST	040	D	1801	36	58		50	00	1683	7	082	0		250								
			085	040	0	1801	36	56	26								250								
			ST	0 050	0	1730		44	26		00	1646	8	098	7	15									
			DBS	050	0	1730		44	26								244								
			ST			1497		00		77	00	1470	1	114	3		184								
			DBS	060		1497		00	26				_				184								
			ST			1251		64		00	00	1246	7	127	9		115								
			OBS	070		1251		64	27				,	1 3 0			115								
			STI			0941		25		27	00	0981	1	139	U		017 017								
			085	080		0941		25		27	0.0	0743	я	147	16		948								
			STI			0720		11		50	00	0743	0	1-4 /	0		948								
			085	090	0	0720	35	11	27	30						14	770								

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

						3	1-01	.39.	.—	ontii	iue	a									
REFERENCE CTAY ID. CODE NO.	SHIP	LATITU	DE L	DNGITUDE TOO	MASSDEN SOUARE	STATION TI	ME ,	EAB	DRIG	STATIONS		DEPTH TD	MAX. DEPTH OF	W A DØSERV	A TIONS	WEA-	CLDUD		\$1	NDDC TATION	
31A139	-	2835	1/10 N 0	77.0		MD DAY H		969	A74 0	NUMBE	_	0860	S'MPL'S D		4 56	CODE X 1	O 3	-		0011	
1 2 - 11 4 3 9	1 ~ 1	1 2000	M U	1027 # 1	WAT	ER W	SMED.	BARD	Att T	EMP. °C	VIS.	ND.	SPECIAL	7	*	1 / 1	1 013	ı	- 1	00111	
					COLOR	TRANS DIR.	10801	(mba)	IUL6	WET BULB		DEPTHS	DESERVATION	NS							
	MESSENG	TAO E	C 4.00	1	DT		520	095	SPECIFIC VOI	208		20	T							1	7.7
	HR 1/1	CAST ND.	CARD	DIPTH (m)	1,5	5 %.	ZIGMA	A - T	ANDMALT-	E10.7	₹ △ D 5 N. M 1 10 ³	. VELC	CITY D2		PO4=P g = 41/I	707AL-P #8 - 81/1	ND2-N	NO3-N	\$1 D4=\$1 µg = 01/1	рН	000
			510	0000	2470	3618	243	4	003592	21 0	000	153	154								
	05	5	085 5TD	0000	2470 2470	3618 3619	243	4	003588		035	15	354								
			085	0010	2470	3619	243	5				15	356								
	00.	2	STD 085	0020	2470 2470	3619 3619	243		003592	29 0	1071	153 153									
			STD OBS	0030 0030	2470 2470	3620 3620	2431		003589	97 0	107	153									
			085 085	0040	2470 2469	3621 3635	243	7				153	61								
			STO	0050	2431	3633	2451	8	003392	24 0	177	153	155								
			OBS STD	0050 0075	2431 2380	3633 3657	249		00 30 84	5 0	258	153									
			0BS 5TD	0075 0106	2380 2205	3657 3675	249		002481	18 0	1328	153									
			085 ST0	0100	2205	3675 3676	255	5	002295		387	153	12								
			085	0125	2134	3676	257	5				152	98								
			51D 085	0150	2034	3667 3667	2591	5	002108		1442	152	75								
			ST0 085	0200 0200	1894 1894	3660 3660	262		001829	9 0	541	152									
			STD 085	0250 0250	1847 1847	3658 3658	2631	В	001742	29 0	630	152	38								
			STD	0300	1828	3659	264	L _b	001707	73 0	716	158	41								
			085 510	0300 0400	1828	3659 3653	265	2	001659	51 0	884	152									
			085 5 TD	0400	1774 1712	3653 3640	265		001635	66 1	U49	152									
			085 5TD	0500 0600	1712 1493	3640 3600	2651		001460	7 1	204	152	38								
			085	0600	1493	3600	2671	8				151	82								
			STD 085	0700 0700	1241 1241	3562 3562	270 270	1	001241		339	15	11								
			51D 085	0800 0800	1010	3528 3528	271 271		001079	93 1	455	150									
			085	0850	0860	3517	273.	3				149	994								
REFERENCE				-	MARSDEN	TATION TO	45		Daici	NATO#'S			MAX	WA	118		0.0	1			
CODE NO.	SHIP	LATITU	DE LC	1/10 E 5	SDUARE	STATION THE		EAR	CRUISE ND.	STATION		DEPTH TO MOTTOM		OBSERV		WEA- THER CODE	CLOUD CDDES		51	TATION UMBER	
318139	AI	2835	N 07	1-1	080 88	12 11 0	90 1	969	A74 01	1.2		0828			3	X1	0 3			0012	
					CDLDR CDDE	TEANS DIR.	SMED	METER	DRY	WET BULB	VIS	NO. OBS. DEPTHS	SPECIAL DESERVATION	NS							
					DT		520	0.95	231	208	-	19		\dashv							
[TIMES	CASI NO.	CARD	DEPTH (m)	7 %	s */.	SIGMA	1-1	SPECIFIC VOL	UME 2	E A D	VILD SDU			O4~P	101A1=F yg = 91/1	ND 2+H µg - qt/l	NO3-N	S) D4-S1	pH	S C
ì	HR 1/10							+			1 10 ³	1110		- 1		24 - 4177	pg - q()	νg - αl/l	yg - α1/1		C
	090	,	5TD 085	0000	2388 2388	3637 3637	247		003220	05 0	000	153		1	'			,		'	
		,	STO	0010	2388	3637	247	3	003224	5 0	032	153	39								
			065 5TD	0010 0020	2388 2388	3637 3637	2473	3	003228	35 0	064	153									
	00	3	085 510	ეეე ეევე	2388 2388	3637 3637	247		003232	25 0	096	153									
			085 5TD	0030 0050	2388	3637 3638	247		003239	96 0	161	153									
			085 510	0050 0075	2000	3638 3638	2474	ia .	003249		242	153	46								
			065	0075	2390	3638	2474	4	003243	,, ,	-45	153	50								
			065 065	0080	2394 2316	3639 3654	2473	7				153	36								
			510 085	0100	2317	3655 3655	2508		002932	25 0	319	153									
			5T0 085	0125 0125	2093	3671 3671	2583 2583		002222	9 0	384	152									
			STD	0150	2013	3672	2606	5	002019	2 0	437	152	70								
			065 STD	0150	1883	3672 3664	260	+	001769	7 0	532	152	41								
			085 STD	0200 0250	1883 1848	3664 3665	2634		001695	1 0	618	152									
			085 5TD	0250 0300	1848 1835	3665 3665	264	3	001680		703	152	39								
			085 STD	0300	1835 1782	3665	2646	5			869	152	44								
					1106	3658	2654		001638	, 0	009	152									
			085	0400	1782	3658	2654					152									
			085 STD 085	0400 0500 0500	1782 1701 1701	3642 3642	2662	2	001595		030	152 152	35								
			085 STD	0400 0500	1782 1701	3642	2662 2662 2679	2	001595		030 183	152 152 151	35 35 82								
			065 STD 085 STD	0400 0500 0500 0500	1782 1701 1701 1492	3642 3642 3601	2662	2		6 1		152 152	35 35 82 82								

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE SHIP	101 10	MGITUOE BY	MARSOEN SQUARE	STATION TI	ME YEAR	ORIGINA		DEFTH	MAX	0.69	WAVE SVATIONS	WEATHER	CLOUD	!	N	ODC
COOR NO. COOR	1/10	37.18	10" 1"	MO DAY H	L1/10	HO. N	HORE	MOTTOM	OF S'MPL'S	0 4 .	HOT PIO E	A COOE	STPE AM	1	Nu	IMBER
318139 AI 2833	N [U7	'914 W	080 89	TER W		RO- AIR TEM	VIII.	0869 HO. 085.	SPEC		2 3	X1	0 13	1	0	013
			CODS		POICE (I	\rightarrow		OEPTHS	OBSTRVA	понѕ						
MESSENGE CAST	CARD	1	101				197 7 . ₹ △ o	17			40. 4					
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	085	0010	2473	3616	2432			153	357							
008	OBS	0020	2472 2472	3617 3617	2433	0036129	0072	153 153	158							
	510 085	0030	2465 2465	3617 3617	2435 2435	0035969	0108	153								
	510 085	0050 0050	2411 2411	3632 3632	2463	0033423	0177	153 153								
	ST0 085	0075 0075	2364 2364	3647 3647	2488	0031116	0258	153	345							
	STD	0100	2324	3659	2509	0029226	0333	153	40							
	085 510	0100	2324	3659 3664	2509 2553	0025084	0401	153 153	109							
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	085 STO	0200	1922 1865	3661 3661	2621 2636	0017652	0653	152	52							
	085	0250	1865	3661	2636			152	44							
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	510	0700	0970	3589 3521	2685 2719	0010399	1340	151	10							
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TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

Single Color Col	REFERENCE	_																									
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